

# FY 2011 Government Performance and Results Act (GPRA)

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INDIAN HEALTH SERVICE (IHS) GPRA  
PERFORMANCE RESULTS

# Introduction

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IHS clinical GPRA results are calculated from the Clinical Reporting System (CRS) Class 1 software module installed locally on the Resource and Patient Management System (RPMS), IHS's electronic health record.

The CRS measure logic is located [here](#)

Each clinical measure has two graphs:

- the current national performance result and historical data
- IHS Area graphs comparing the current reporting year to the previous year for each of IHS's twelve Area Offices.

# Area Abbreviations

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Abbreviation	Area
ABD	Aberdeen
ALA	Alaska
ALB	Albuquerque
BEM	Bemidji
BIL	Billings
CAL	California
NAS	Nashville
NAV	Navajo
OKL	Oklahoma
PHO	Phoenix
POR	Portland
TUC	Tucson

# Acronym Definitions

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Acronym	Definition
NPIRS	National Patient Information Registrations System
AI/AN	American Indian/Alaska Native
A1c	Hemoglobin A1c
BMI	Body Mass Index
BP	Blood Pressure
CHD	Coronary Heart Disease
CVD	Cardiovascular Disease
DV/IPV	Domestic Violence/Intimate Partner Violence
HP	Healthy People
IHD	Ischemic Heart Disease
LDL	Low Density Lipoprotein

# GPRA 2011 Results Summary

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## **21 GPRA Clinical Measures were reported in FY 2011\***

- **All clinical measures met their targets in 2011 (100%) compared to 11 of 22\* in 2010 (50%)**
- **15 measure results exceeded FY 2010 results**
- **1 measure result was maintained at the FY 2010 result**
- **5 measures decreased in performance from the FY 2010 result**
- **All 2011 clinical measure targets were reduced from FY 2010 results due to the Federal Budget Continuing Resolution**

\*Childhood Weight Control became a long-term measure in FY 2009, will be reported again in FY 2013

# GPRA 2011 Results Summary

## Measures with significant improvement over FY 2010:

- **CVD Comprehensive Assessment improved by 4.8 percentage points over FY 2010 result**
- **Colorectal Cancer Screening improved by 4.7 percentage points**
- **Depression Screening improved by 4.5 percentage points**
- **Tobacco Cessation improved by 4.4 percentage points**
- **Topical Fluorides improved by a relative 11 percent**

# GPRA 2011 Results Summary

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## Measures that decreased in performance from 2010

- **Childhood Immunization decreased by 3.1 percentage points**
  - The measure added four Pneumococcal vaccines to the required series in FY 2011
- **Poor Glycemic Control decreased by 1.1 percentage points**
- **Ideal Glycemic Control, Blood Pressure Control, Pap Screening decreased by less than 1 percentage point**
  - Of these, only the decrease in Pap Screening rates (0.9%) would have been recorded in previous years

# GPRA 2011 Results Summary

## Measures that maintained or improved over FY 2010 results

<u>Measure</u>	<u>FY 2011 Result</u>	<u>FY 2010 Result</u>	<u>2011 Target</u>
LDL Assessed	68.7%	67%	63.3%
Nephropathy Assessed	56.5%	55%	51.9%
Retinopathy Assessed	53.5%	53%	50.1%
Dental Access	26.9%	25%	23.0%
Influenza 65+	62.0%	62%	58.5%
Pneumovax 65+	85.5%	84%	79.3%
Mammography Screening	49.8%	48%	46.9%
Colorectal Cancer Screening	41.7%	37%	36.7%
Tobacco Cessation	29.4%	25%	23.7%
Alcohol Screening (FAS Prevention)	57.8%	55%	51.7%
DV/IPV Screening	55.3%	53%	52.8%
Depression Screening	56.5%	52%	51.9%
CVD Comprehensive	39.8%	35%	33.0%
Prenatal HIV Screening	80.0%	78%	73.6%
Sealants	276,893	275,459	257,261
Topical Fluorides	161,461	145,181	135,604 <sup>8</sup>

# GPRA 2011 Results Summary

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## Measures that decreased in performance from 2010

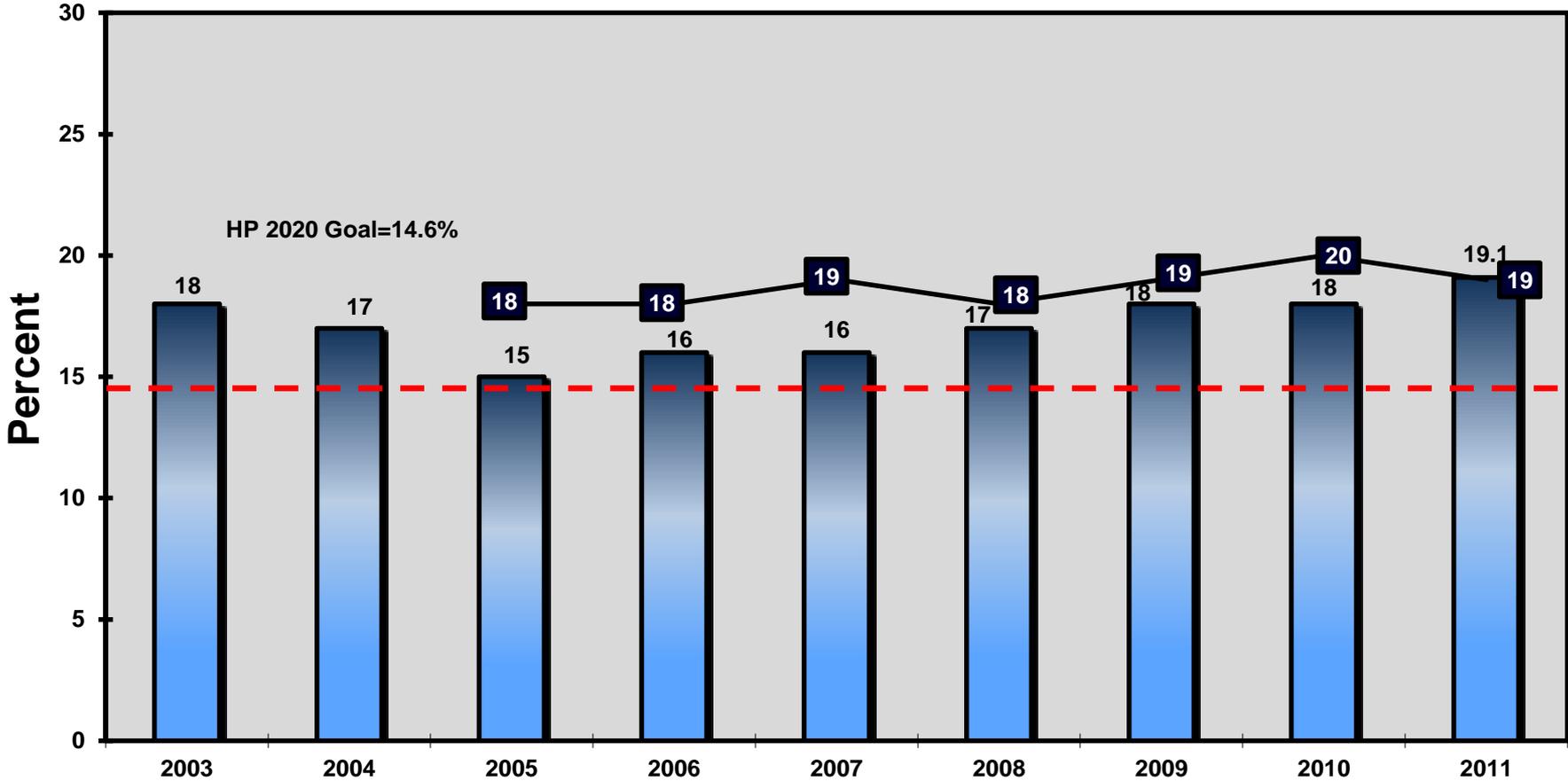
<u>Measure</u>	<u>FY 2011 Result</u>	<u>FY 2010 Result</u>	<u>Target</u>
Poor Glycemic Control	19.1%	18%	19.4%
Ideal Glycemic Control	31.9%	32%	30.2%
Controlled BP <130/80	37.8%	38%	35.9%
Childhood Immunizations*	75.9%	79%	74.6%
Pap Screening	58.1%	59%	55.7%

\*4 pneumococcal conjugate vaccines were added to Childhood Immunization series in FY 2011

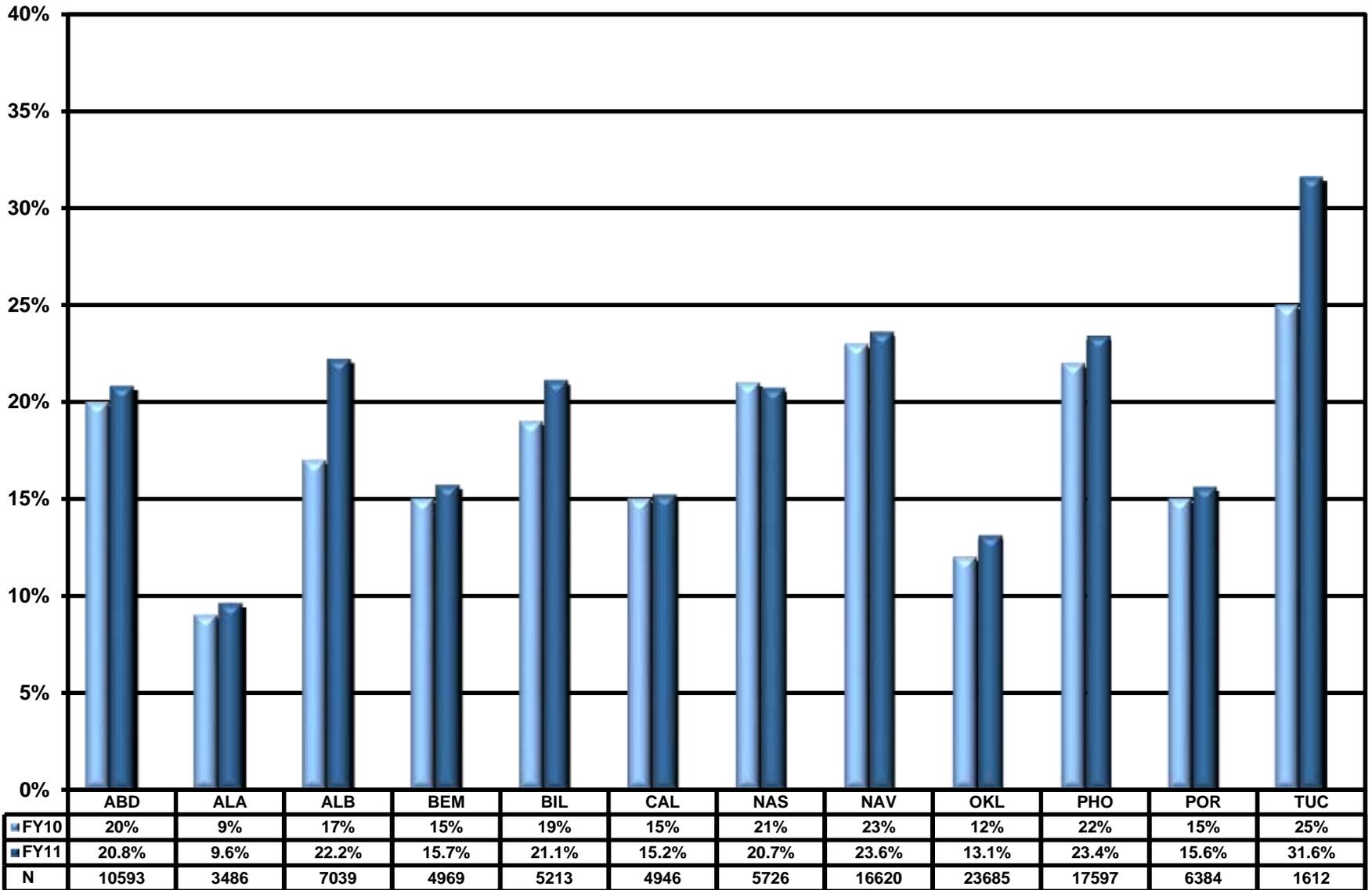
# Diabetes: Poor Glycemic Control

AI/AN patients with diabetes who have Poor A1c control (>9.5) during the past year.

CRS Diabetes Audit

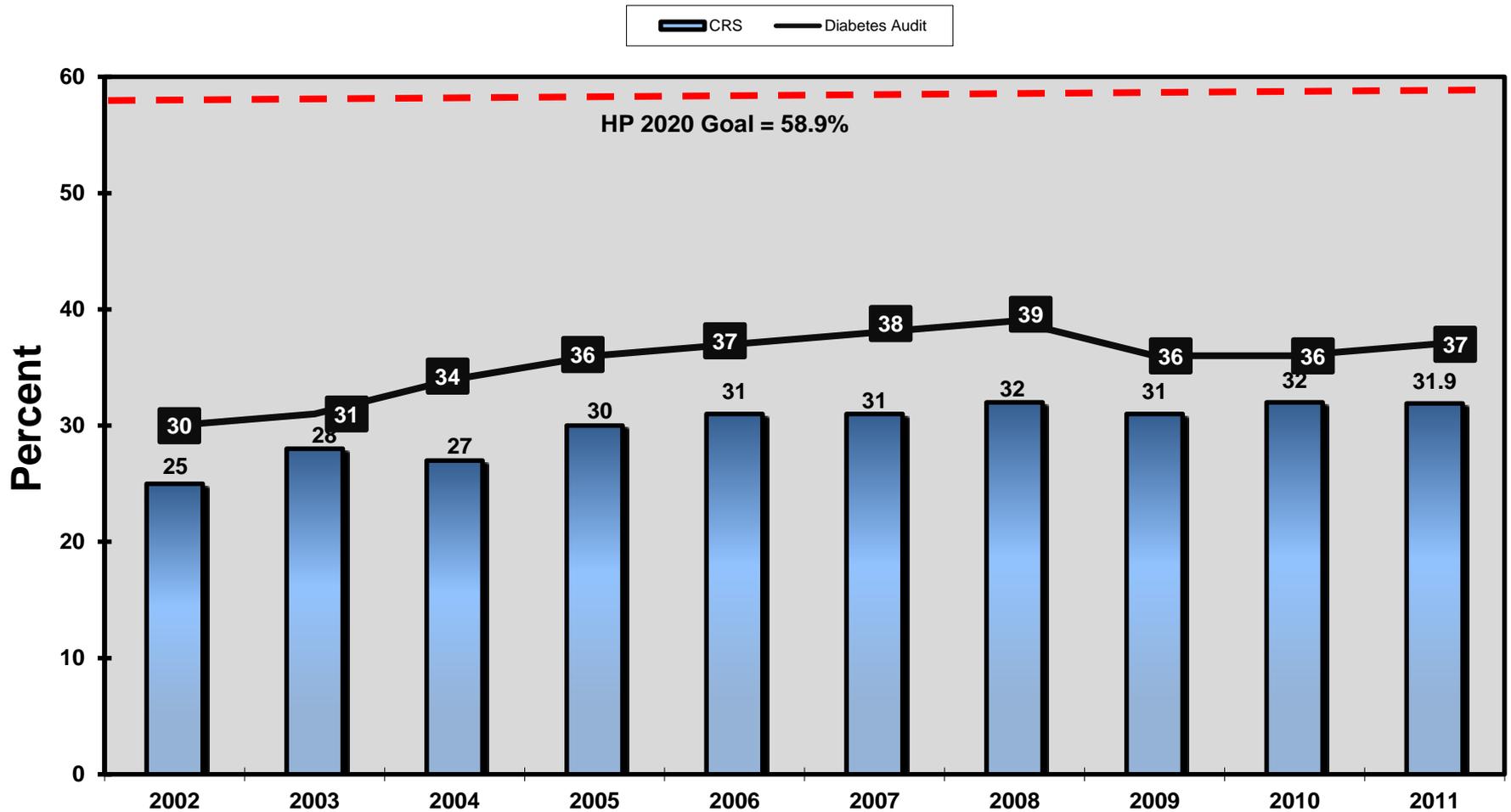


# DIABETES: POOR GLYCEMIC CONTROL

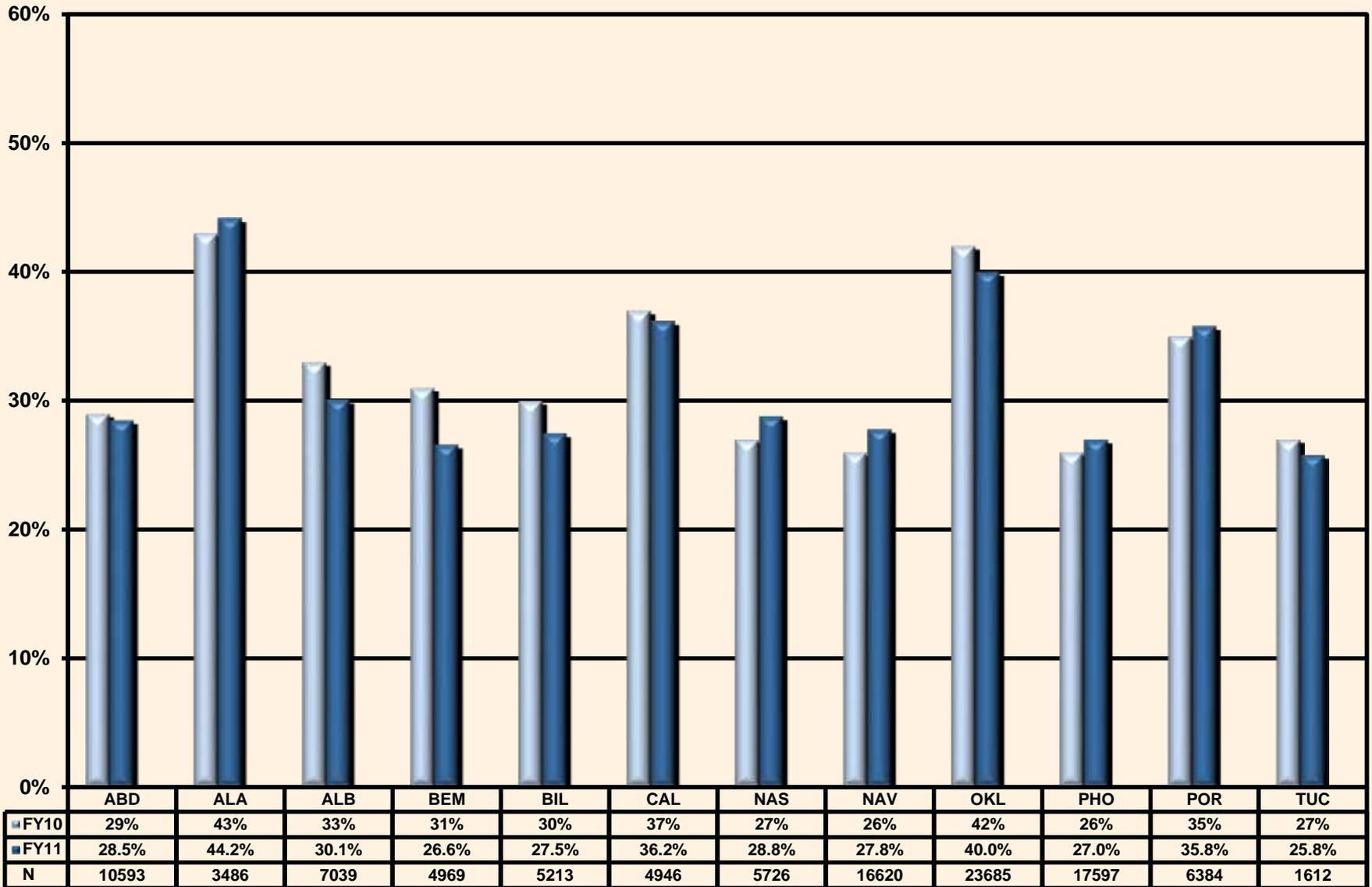


# Diabetes: Ideal Glycemic Control

AI/AN patients with diabetes who have maintained Ideal A1c control (<7) during the past year.

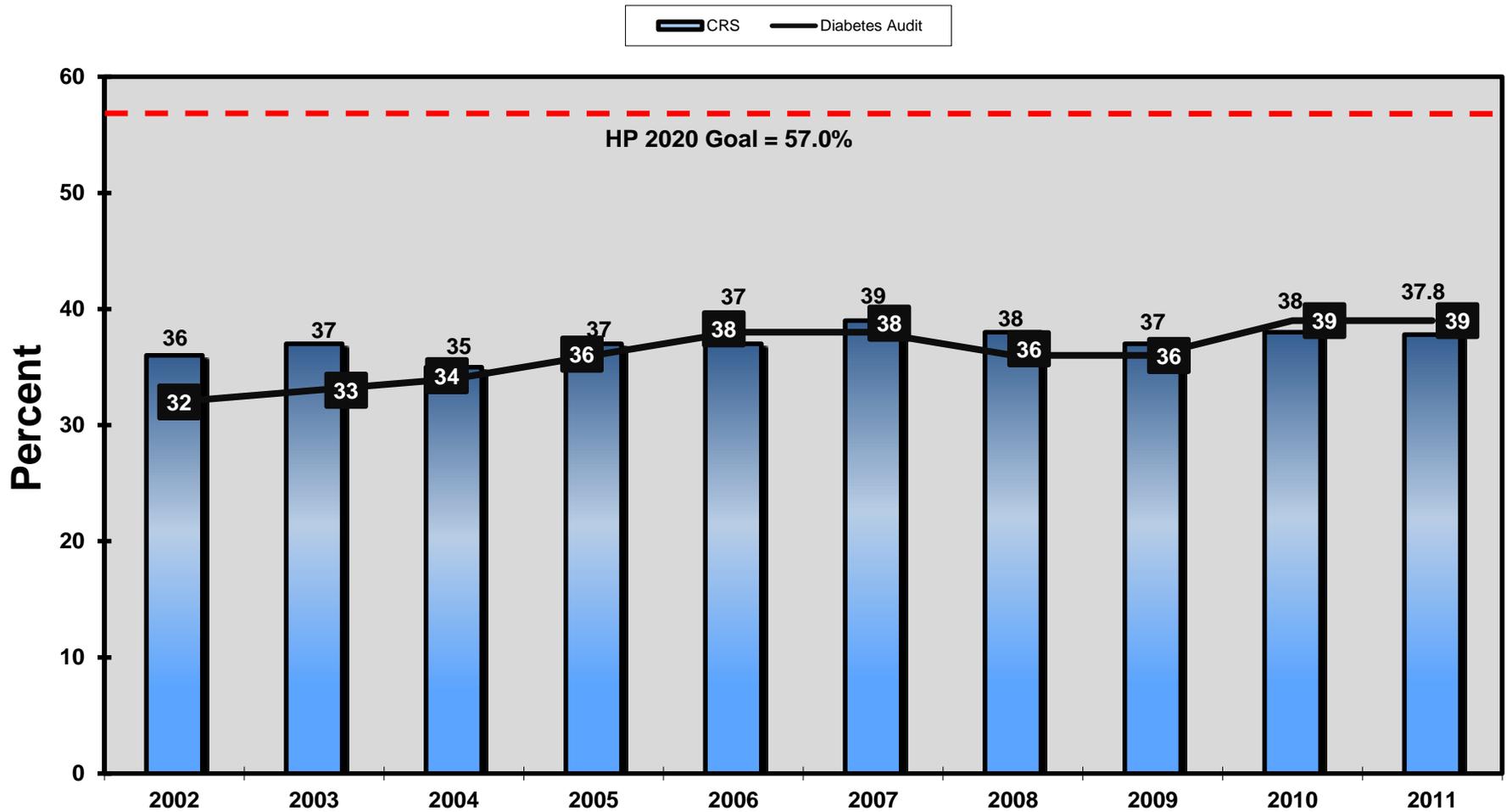


# DIABETES: IDEAL GLYCEMIC CONTROL

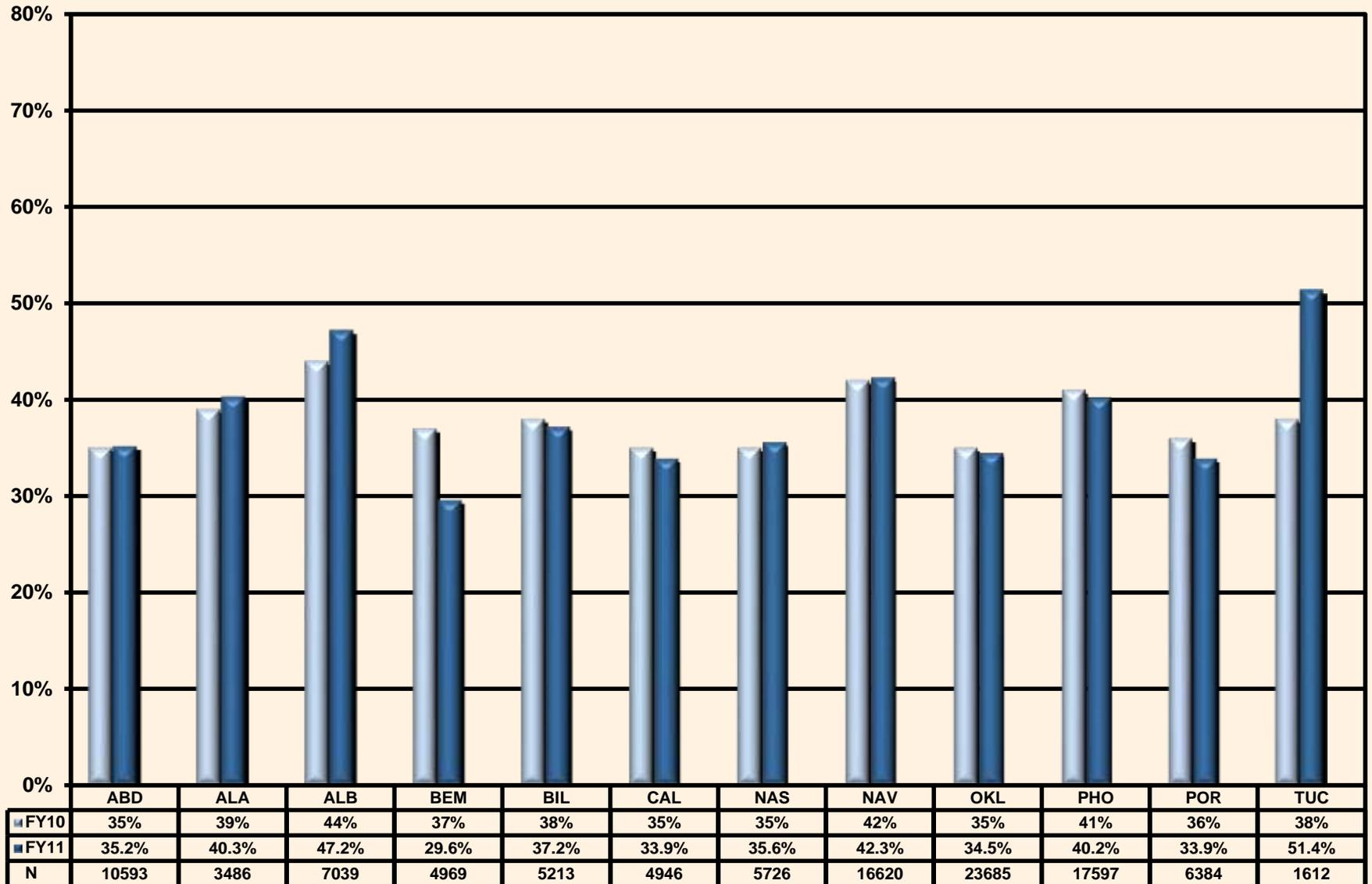


# Diabetes: Blood Pressure Control

AI/AN patients with diabetes who have maintained BP control (<130/80) during the past year.

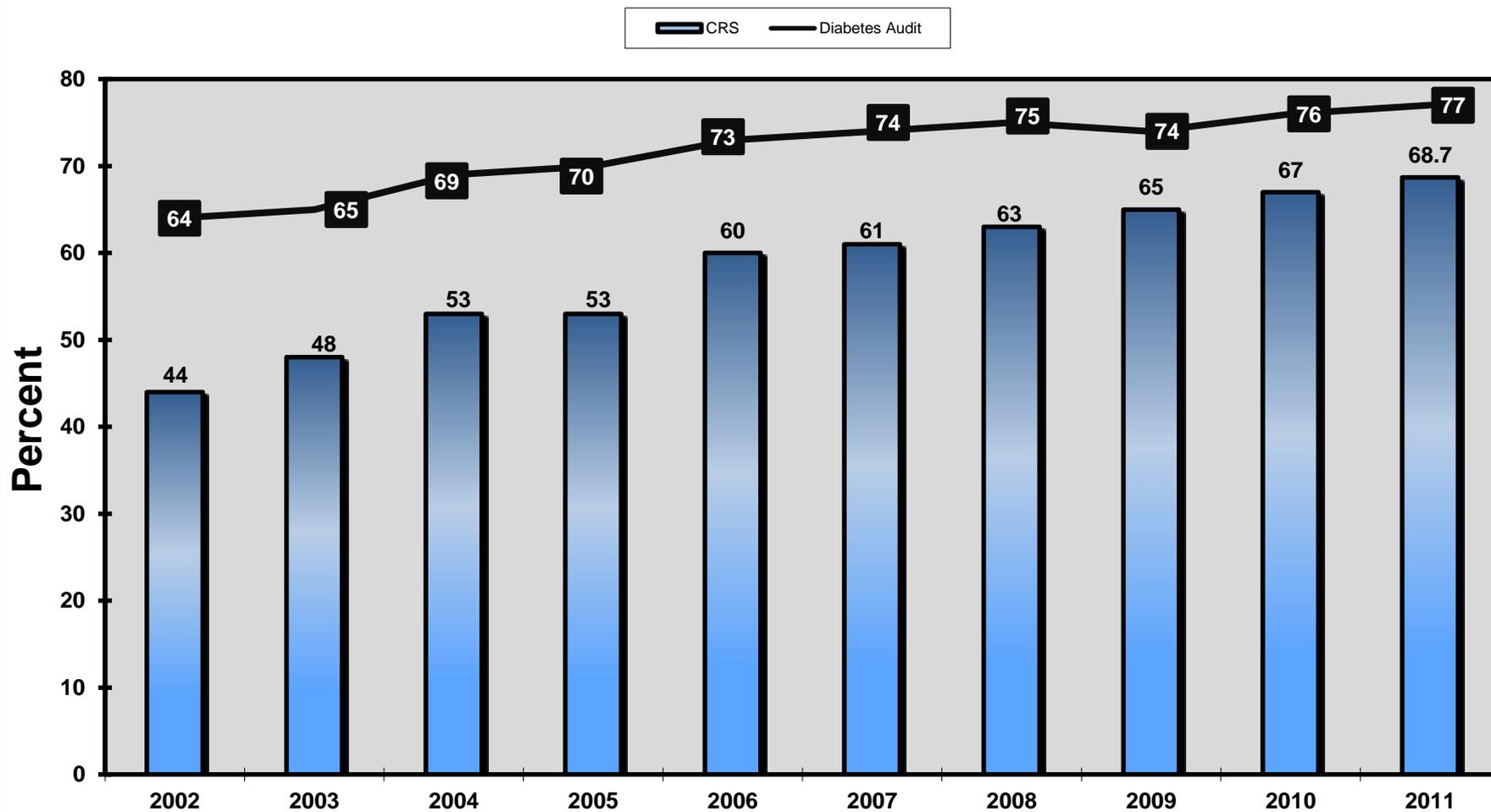


# DIABETES: BP CONTROL (<130/80)

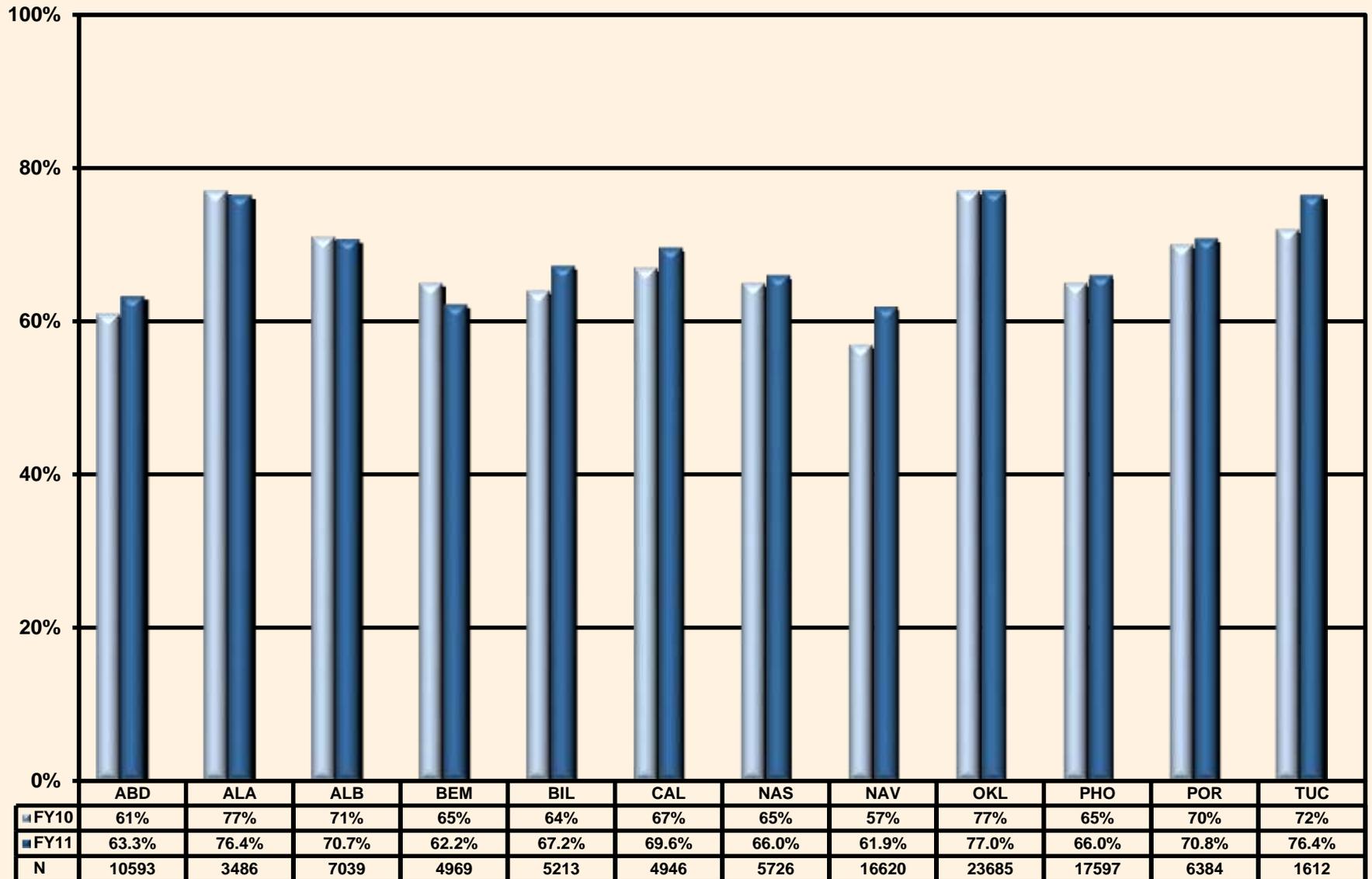


## Diabetes: LDL Assessment

AI/AN patients with diabetes who have been assessed for dyslipidemia (LDL) within the past year.

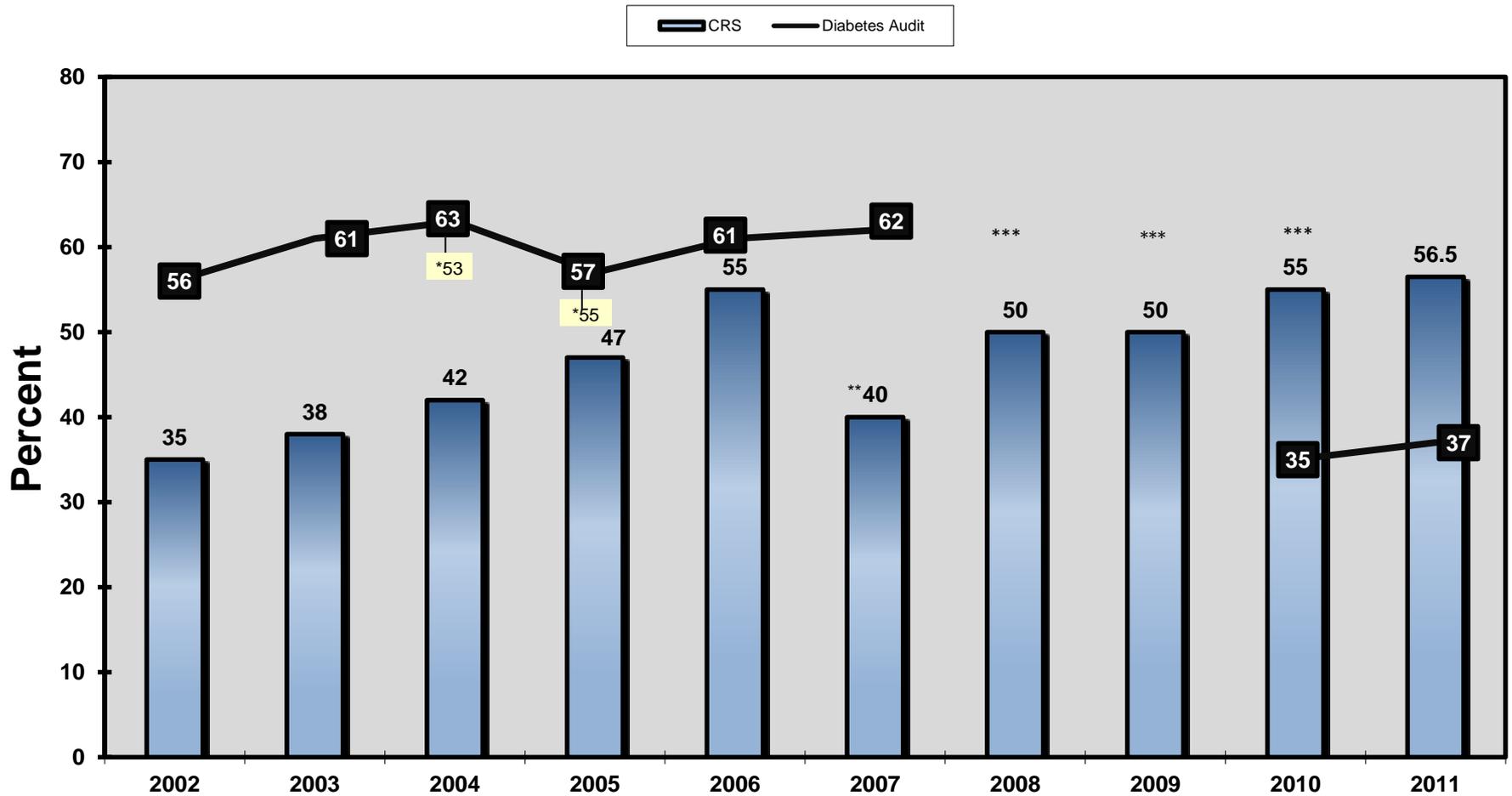


# DIABETES: LDL ASSESSED



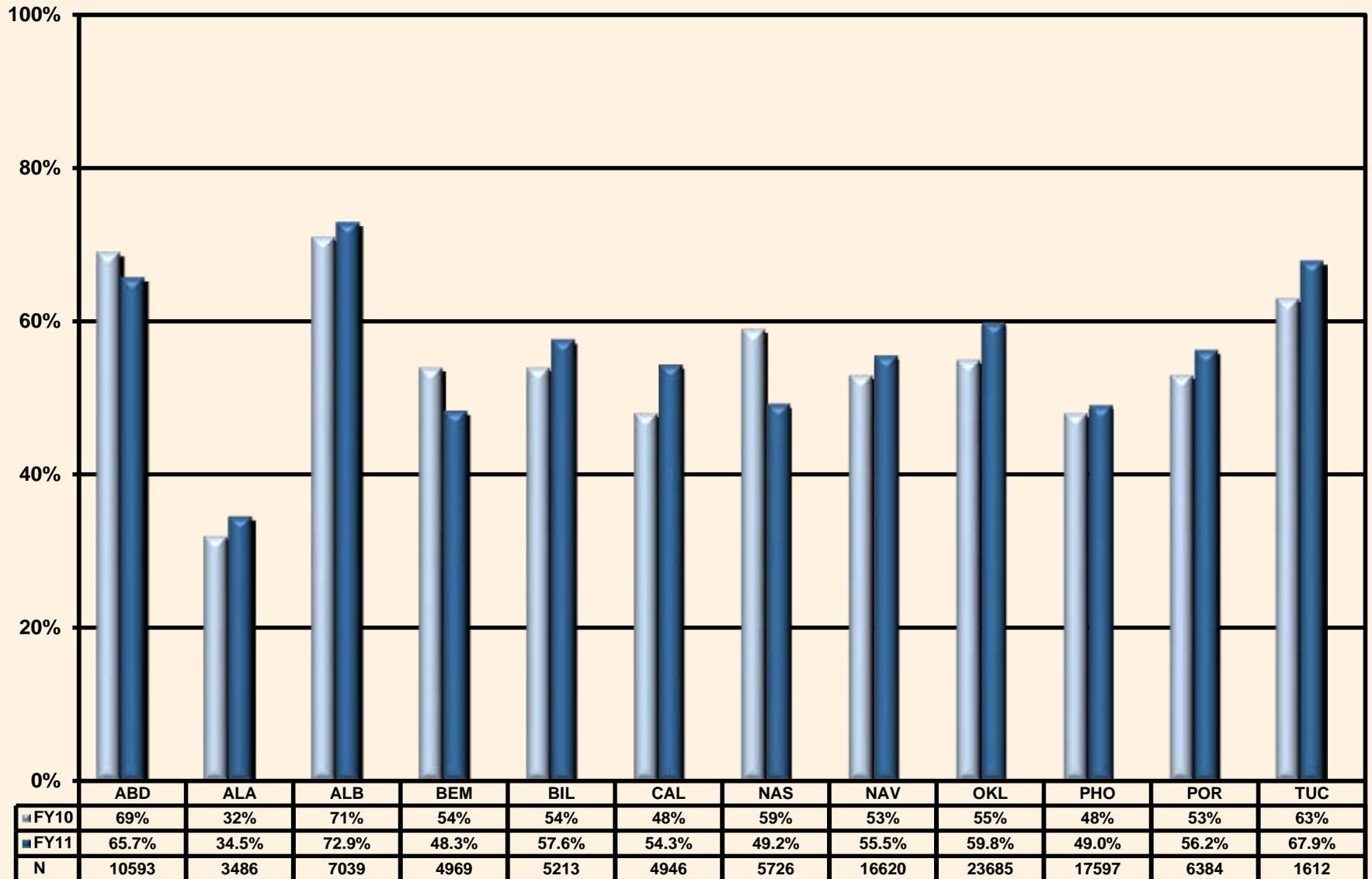
# Diabetes: Nephropathy Assessment

AI/AN patients with diabetes who have been assessed for nephropathy within the past year.



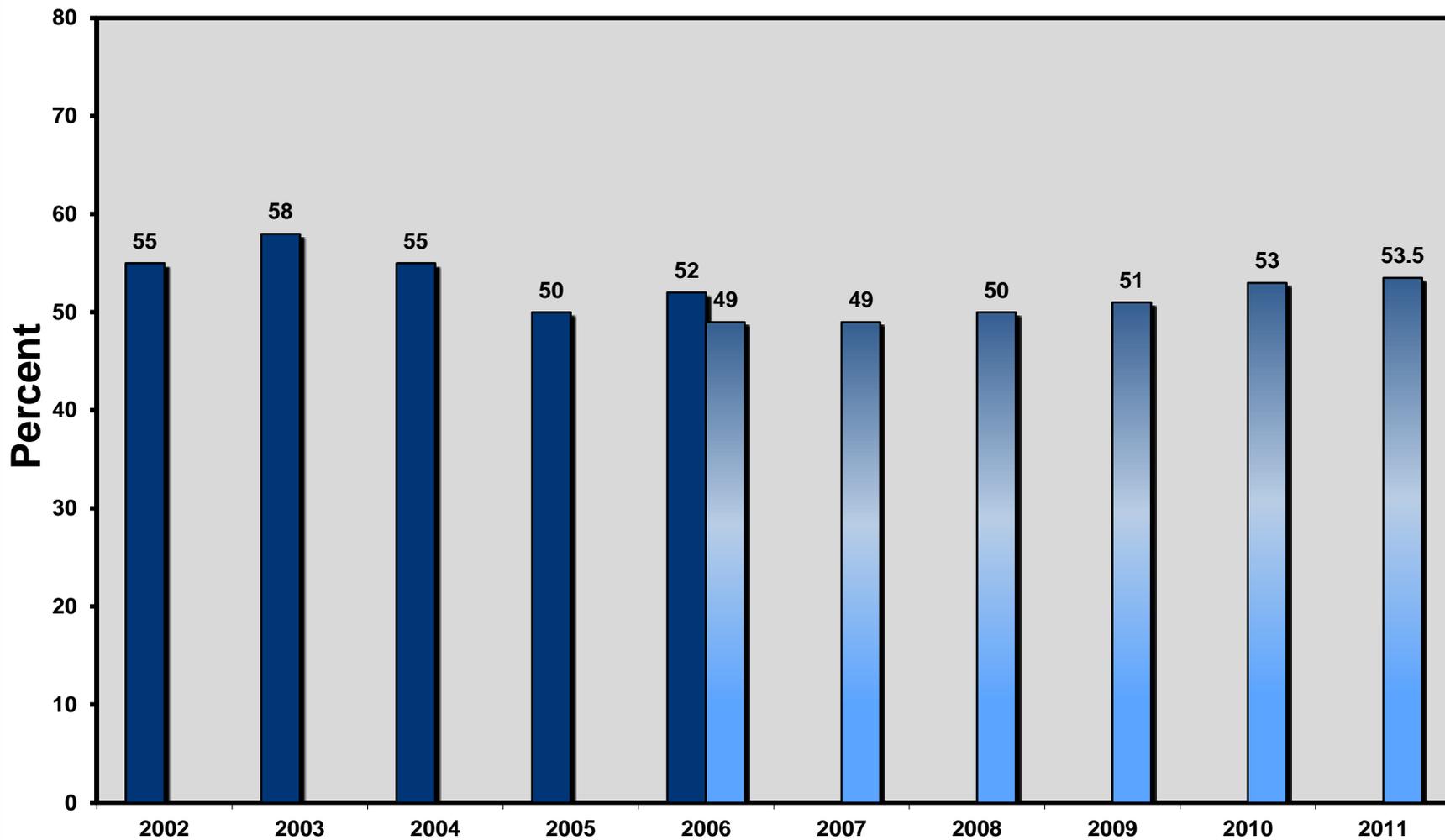
\*In 2005, diabetes audit logic was changed to conform to GPRA logic for this measure. Therefore audit results (2004 and 2005) were recalculated and are displayed below the previous results. \*\*New baseline set to reflect updated standards of care. \*\*\*Due to changes in the urine protein testing data elements, audit data for these elements was not reliable and no result is available for this measure for 2008 and 2009.

# DIABETES: NEPHROPATHY ASSESSED



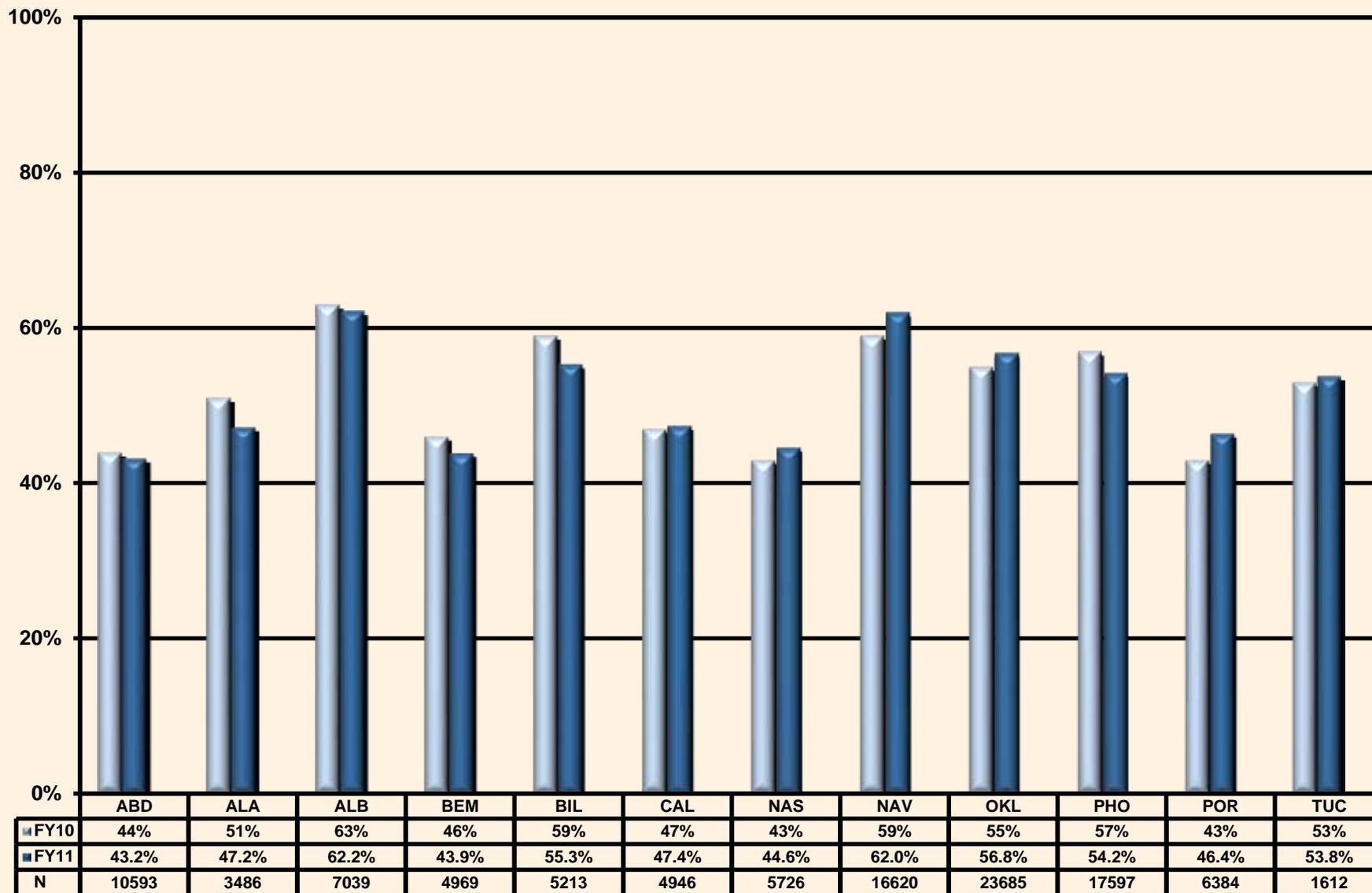
# Diabetes: Retinopathy

AI/AN patients with diabetes who have been assessed for retinopathy within the past year.



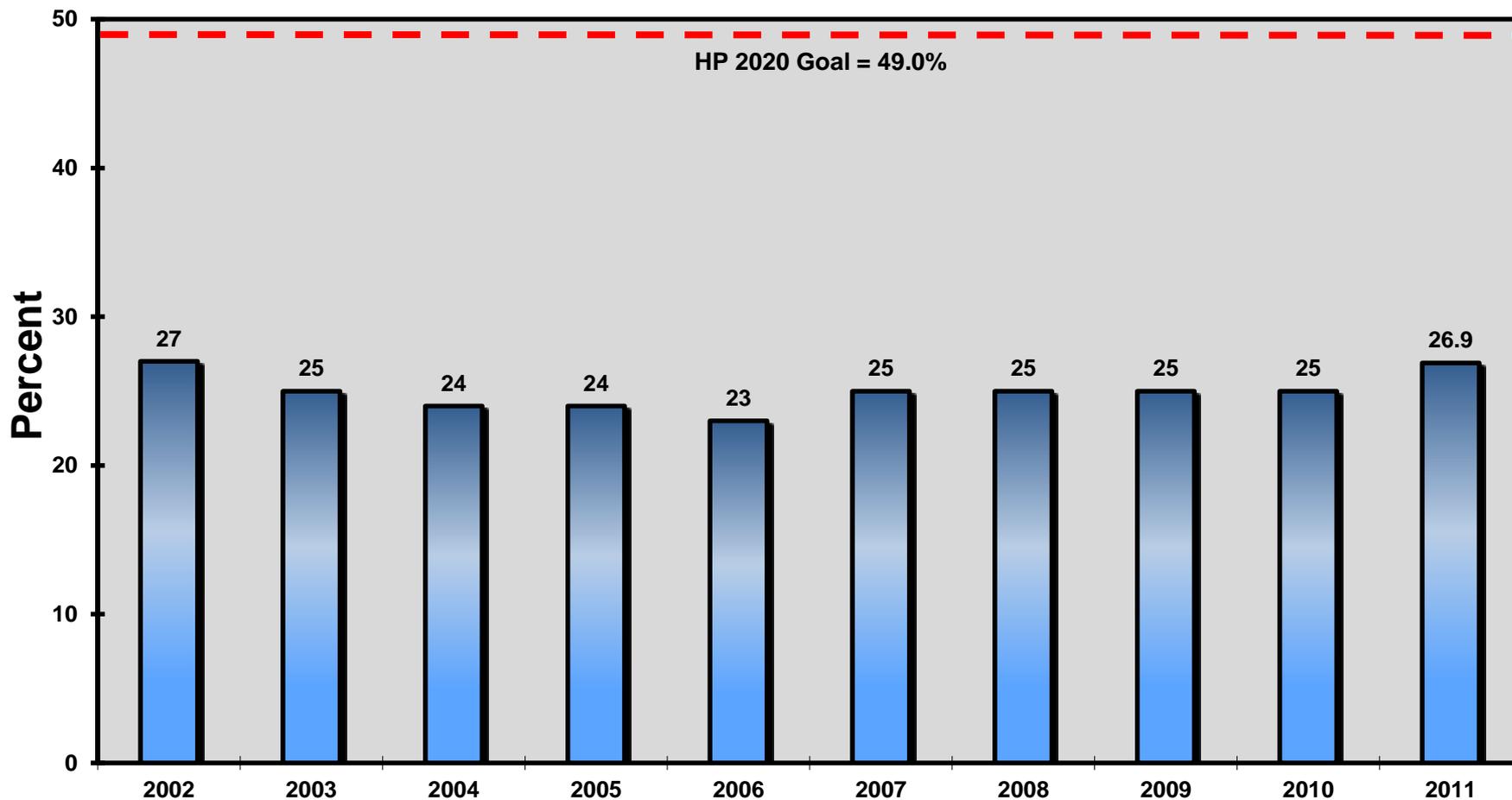
The Pilot sites will not be recording data for 2007 or in the future. This chart reflects both the National data and the past Pilot sites.

# DIABETES: RETINOPATHY ASSESSED

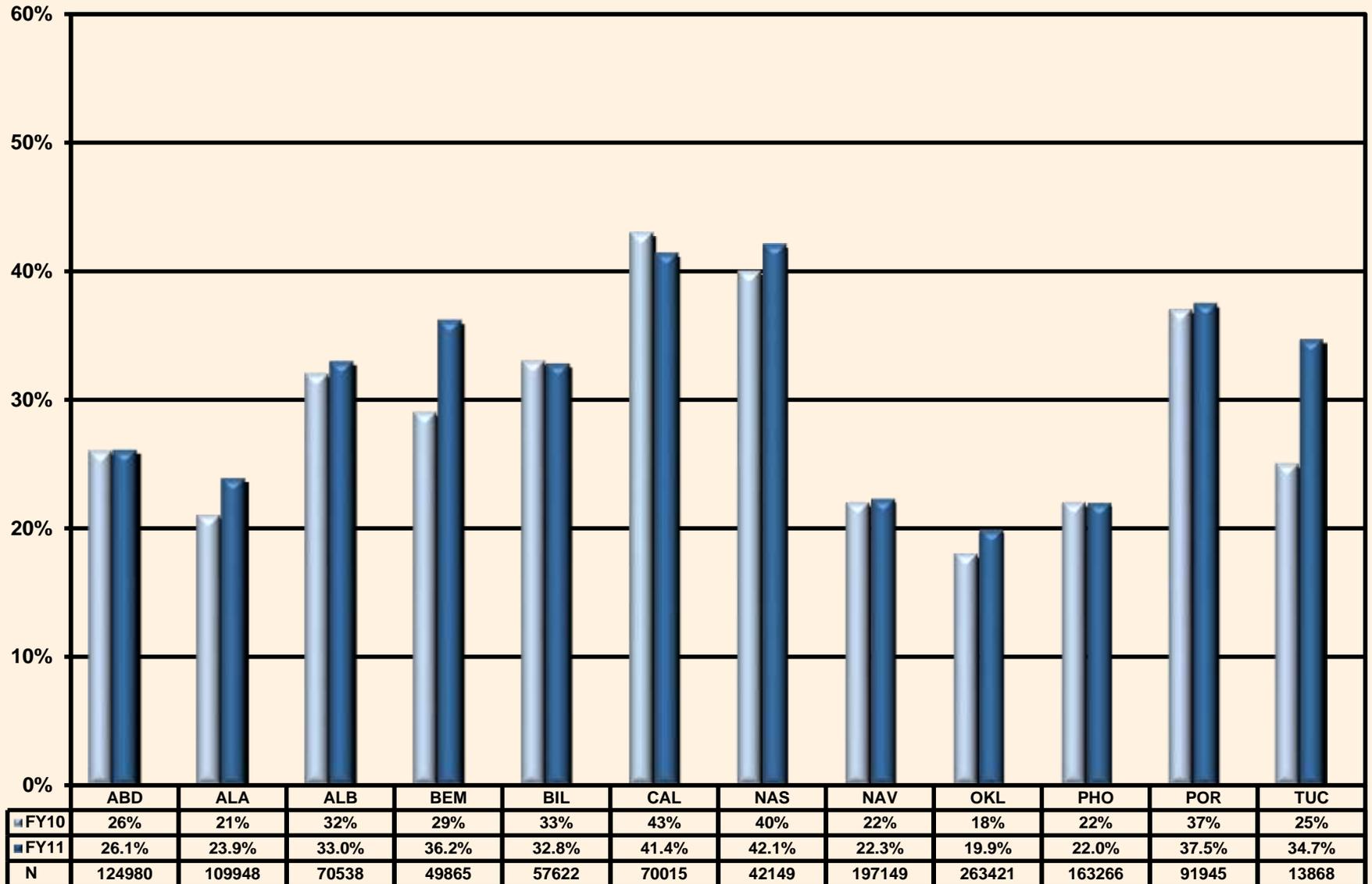


## Dental: General Access

AI/AN patients who have received dental services within the past year.

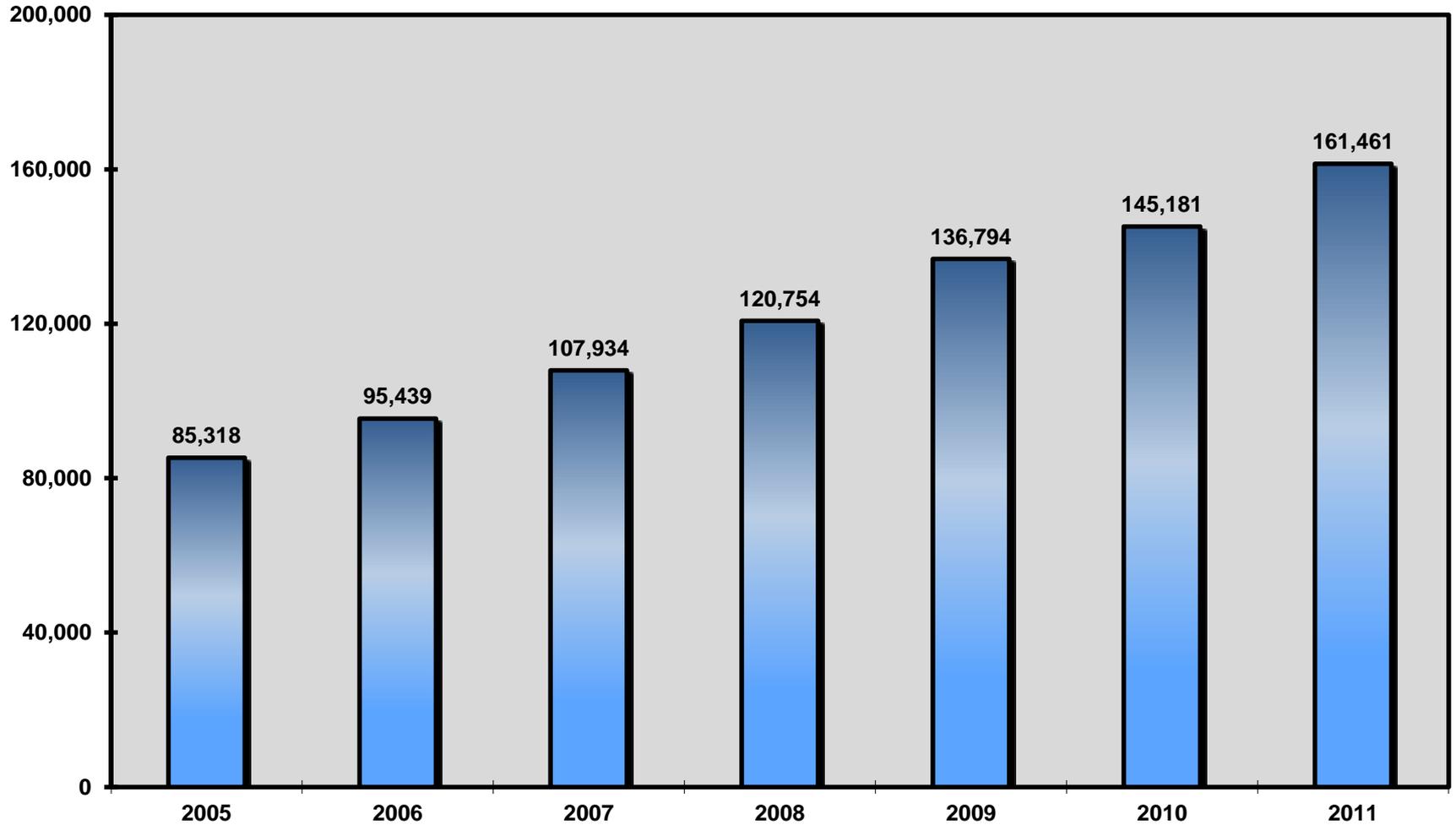


# DENTAL: ACCESS

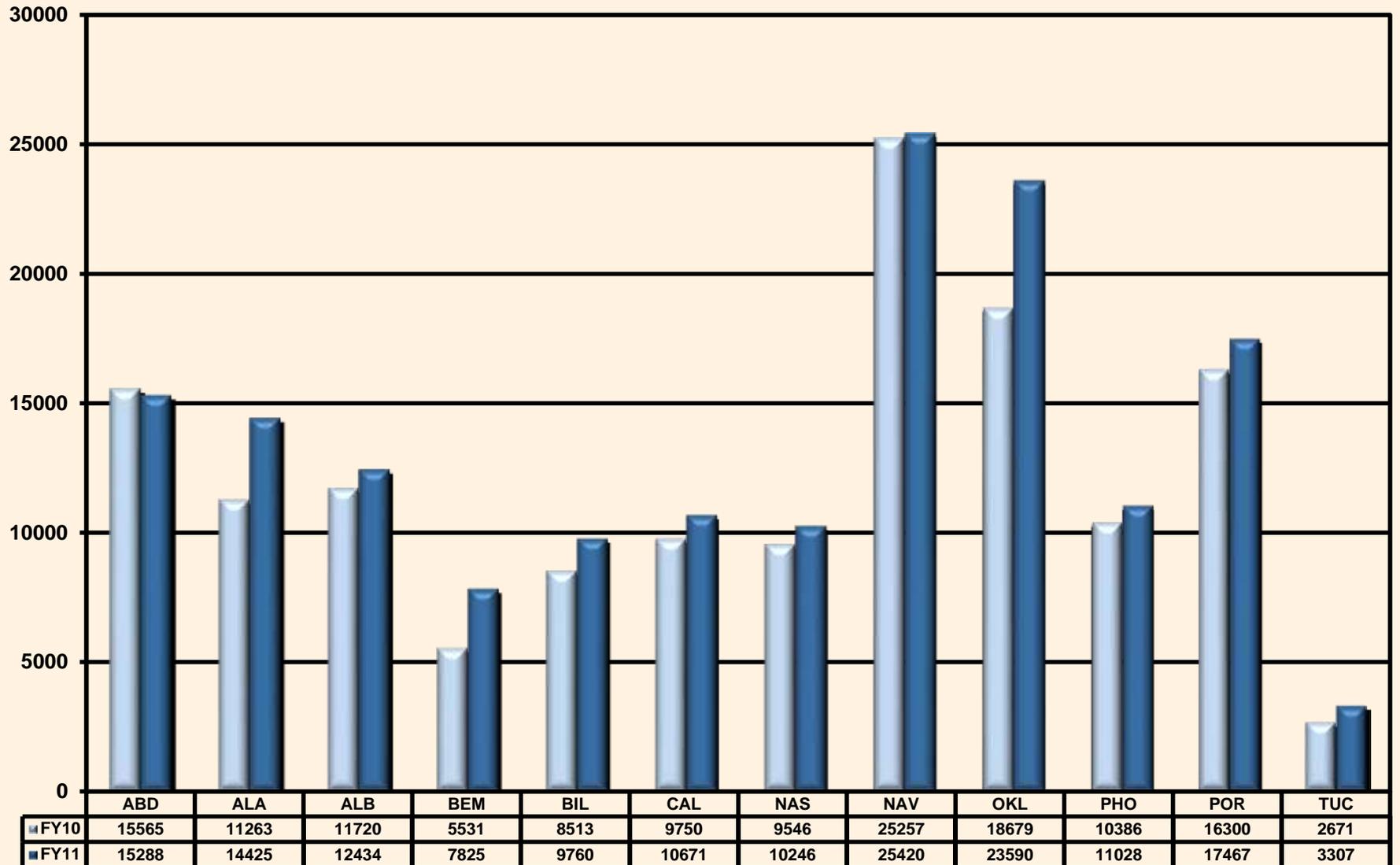


## Dental: Topical Fluorides

Number of AI/AN patients with at least one topical fluoride treatment within the past year.

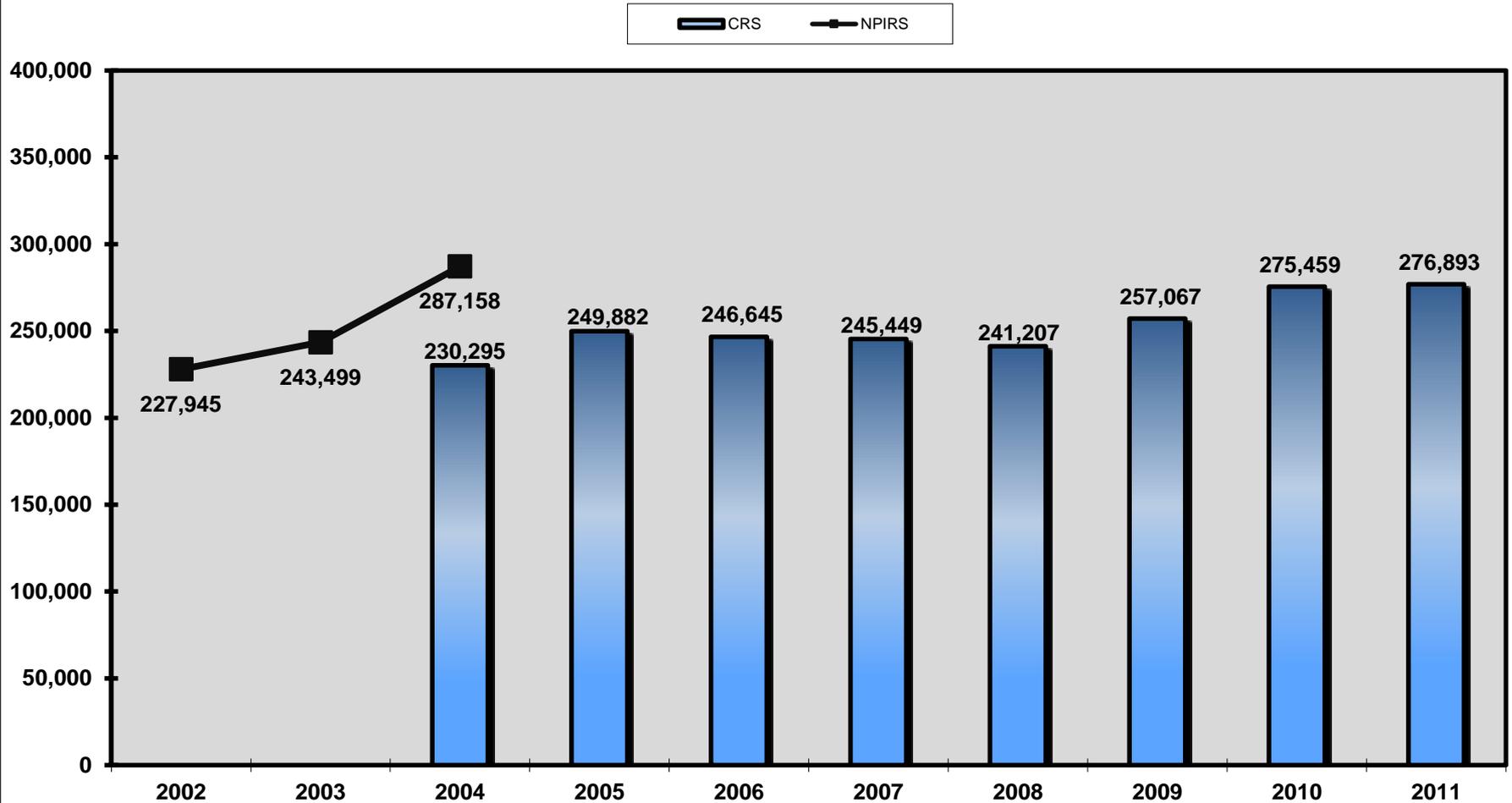


# DENTAL: FLUORIDE

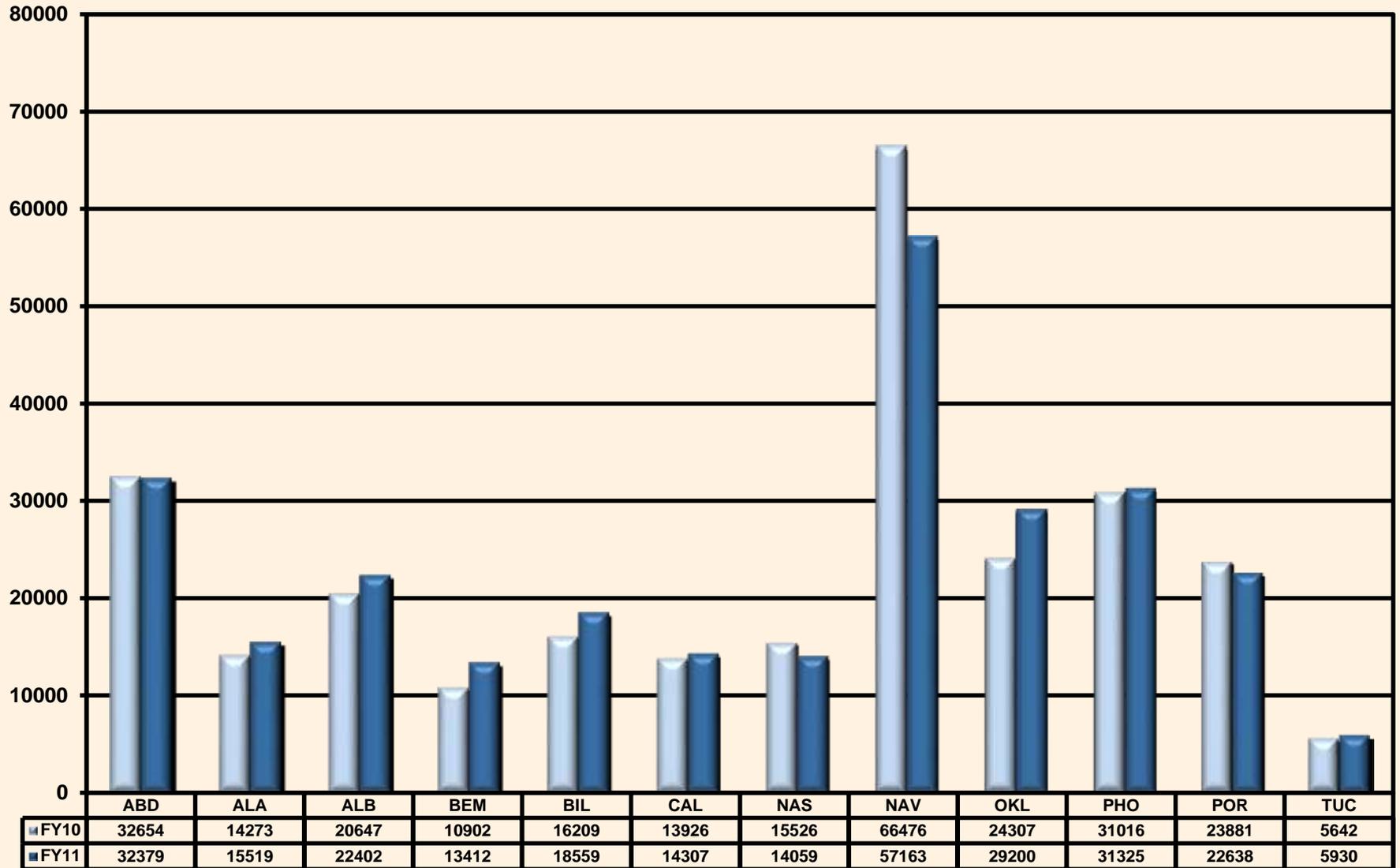


# Dental: Sealants

Number of dental sealants placed in AI/AN patients within the past year.

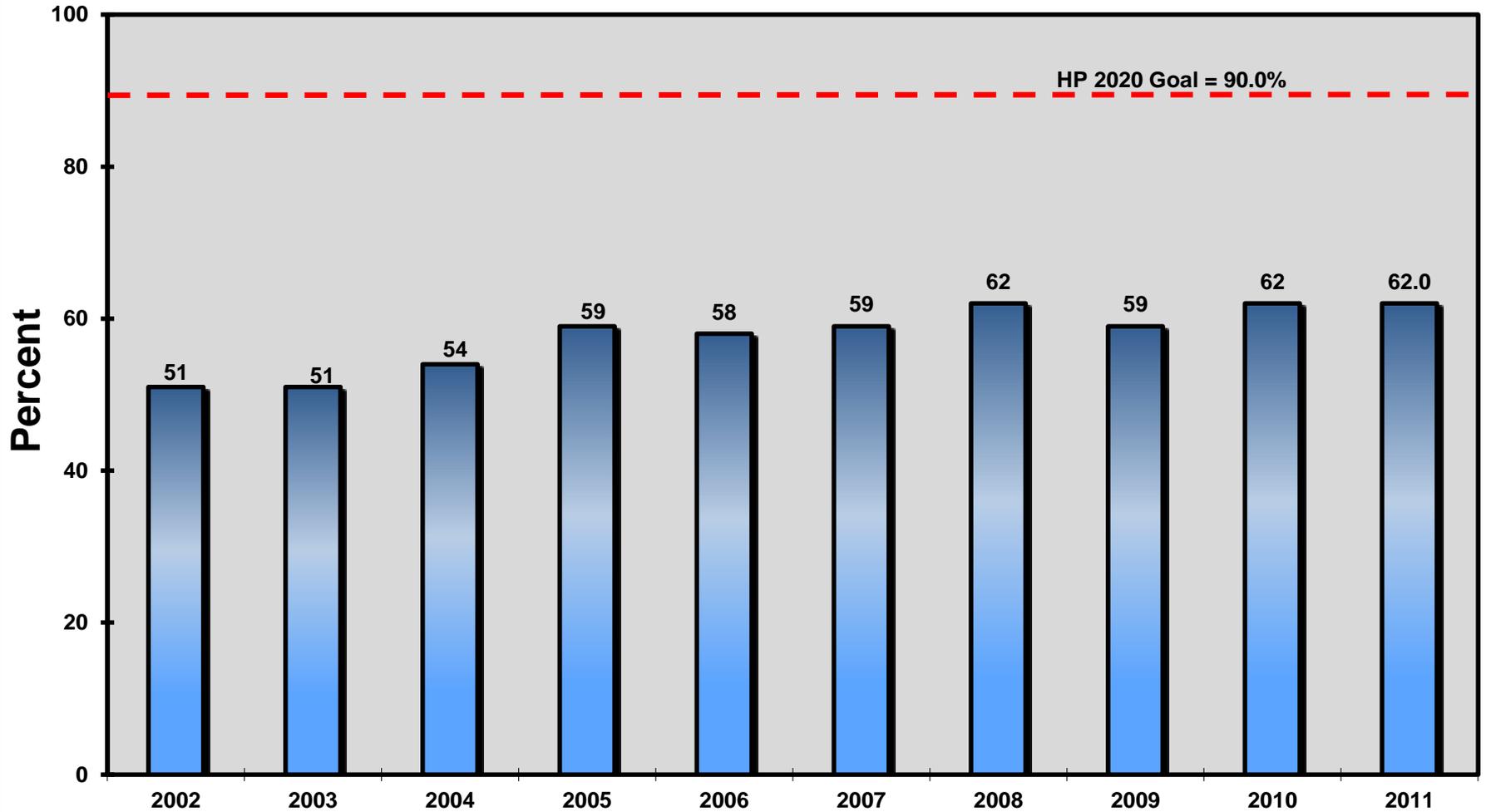


# DENTAL: SEALANTS

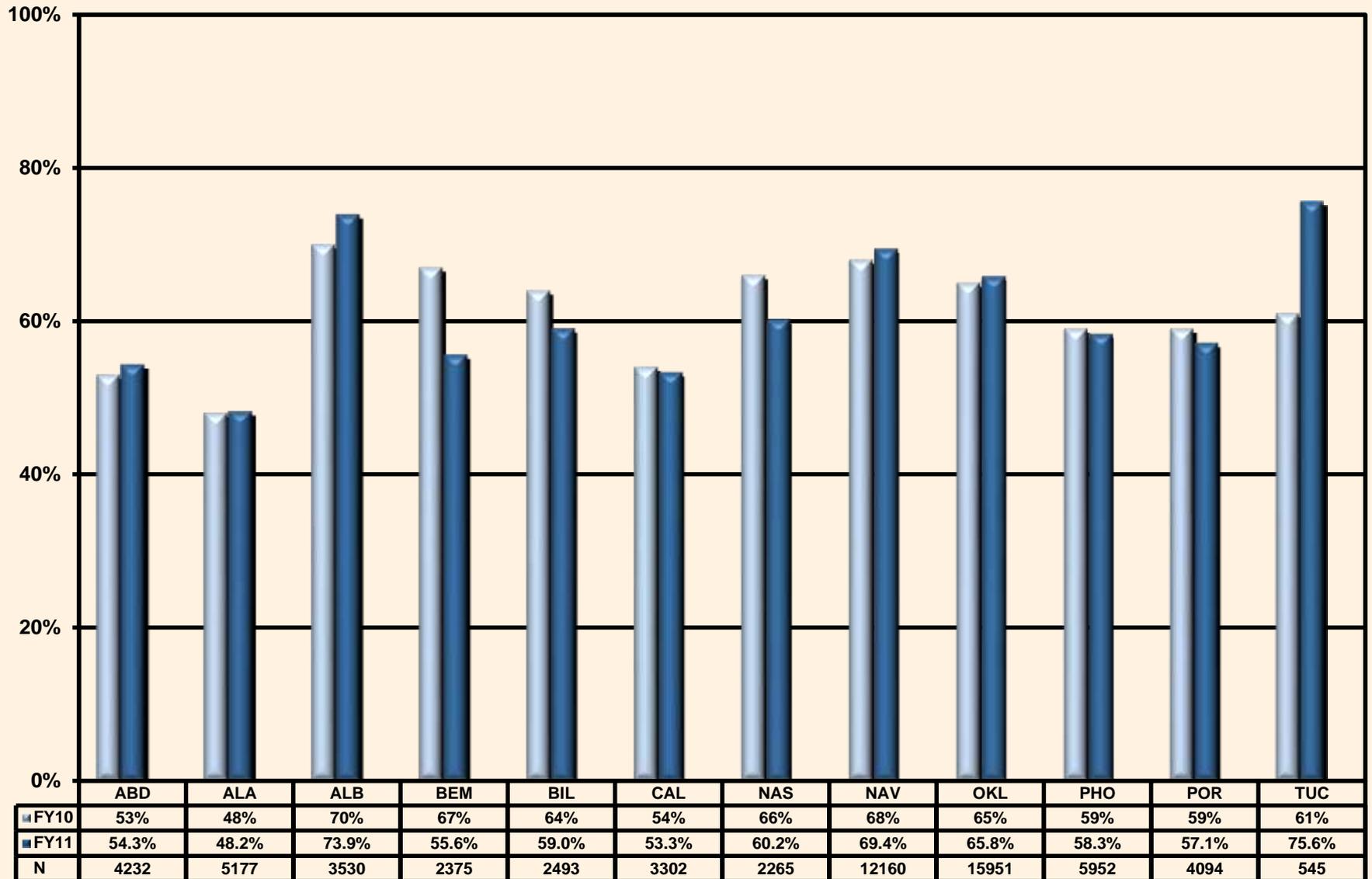


# Immunizations: Influenza

AI/AN patients (age 65+) who have received the influenza vaccine within the past year.

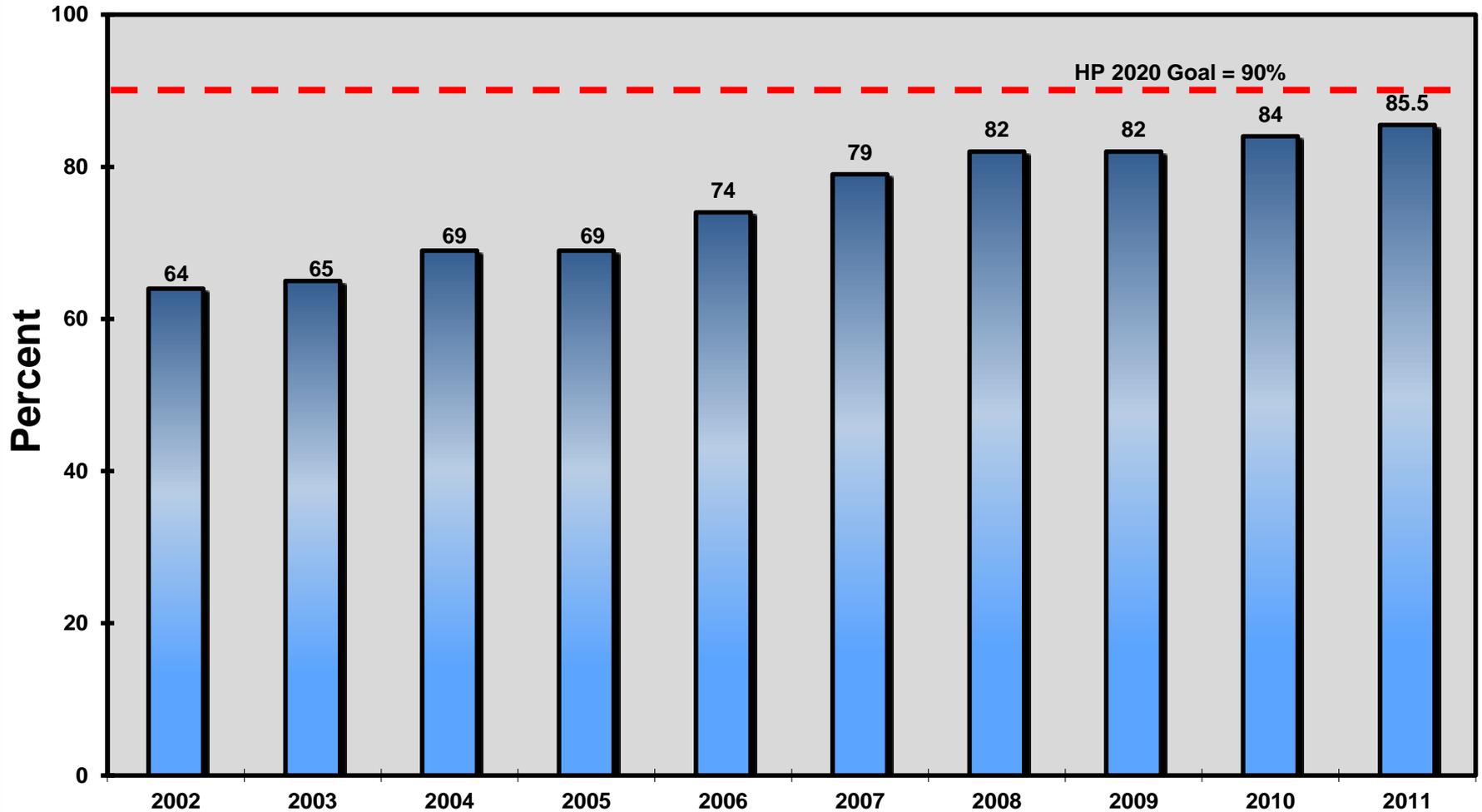


# IMMUNIZATIONS: INFLUENZA (65+)

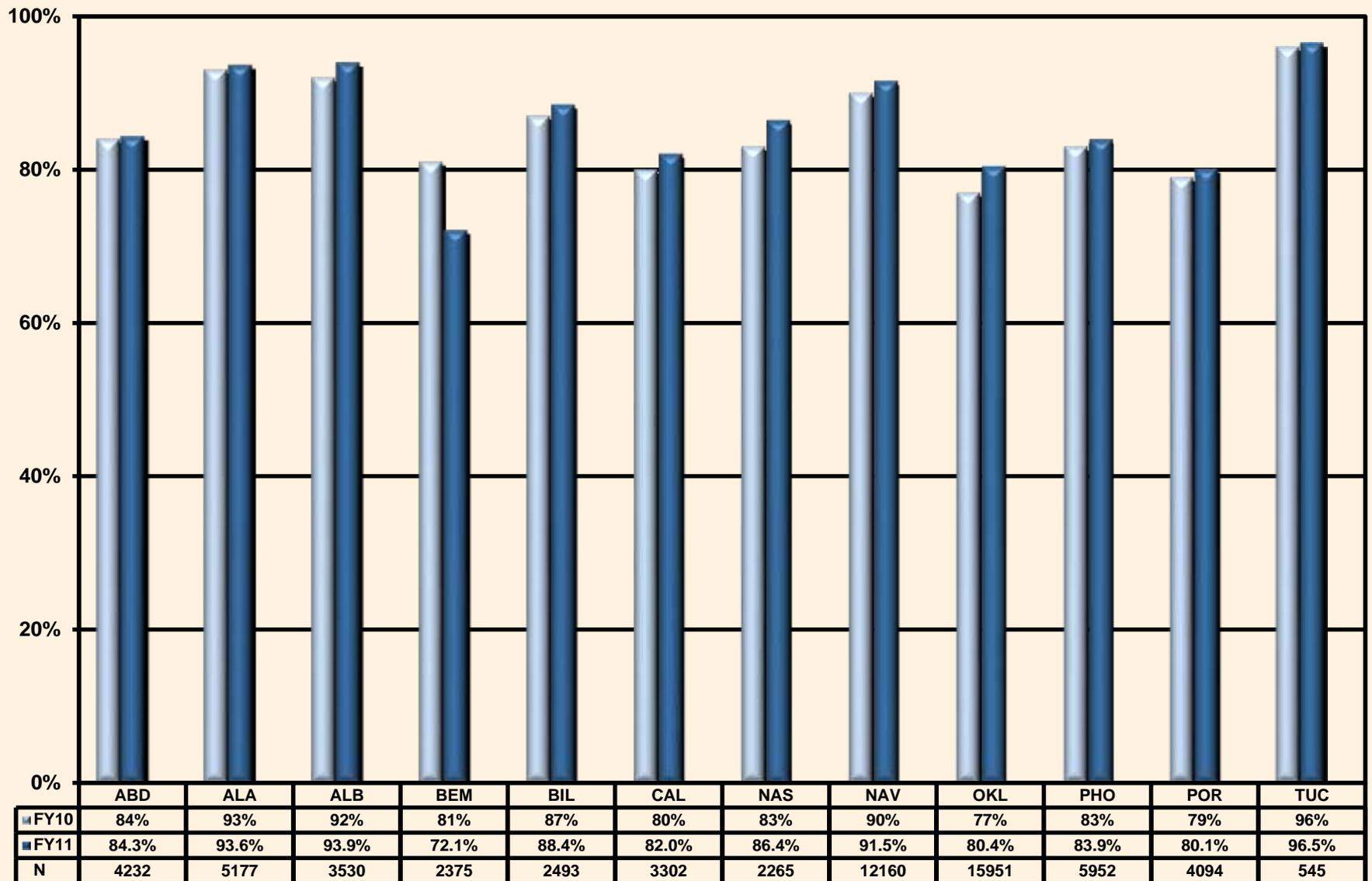


# Immunizations: Pneumococcal

AI/AN patients (age 65+) who have ever received the pneumococcal vaccination.



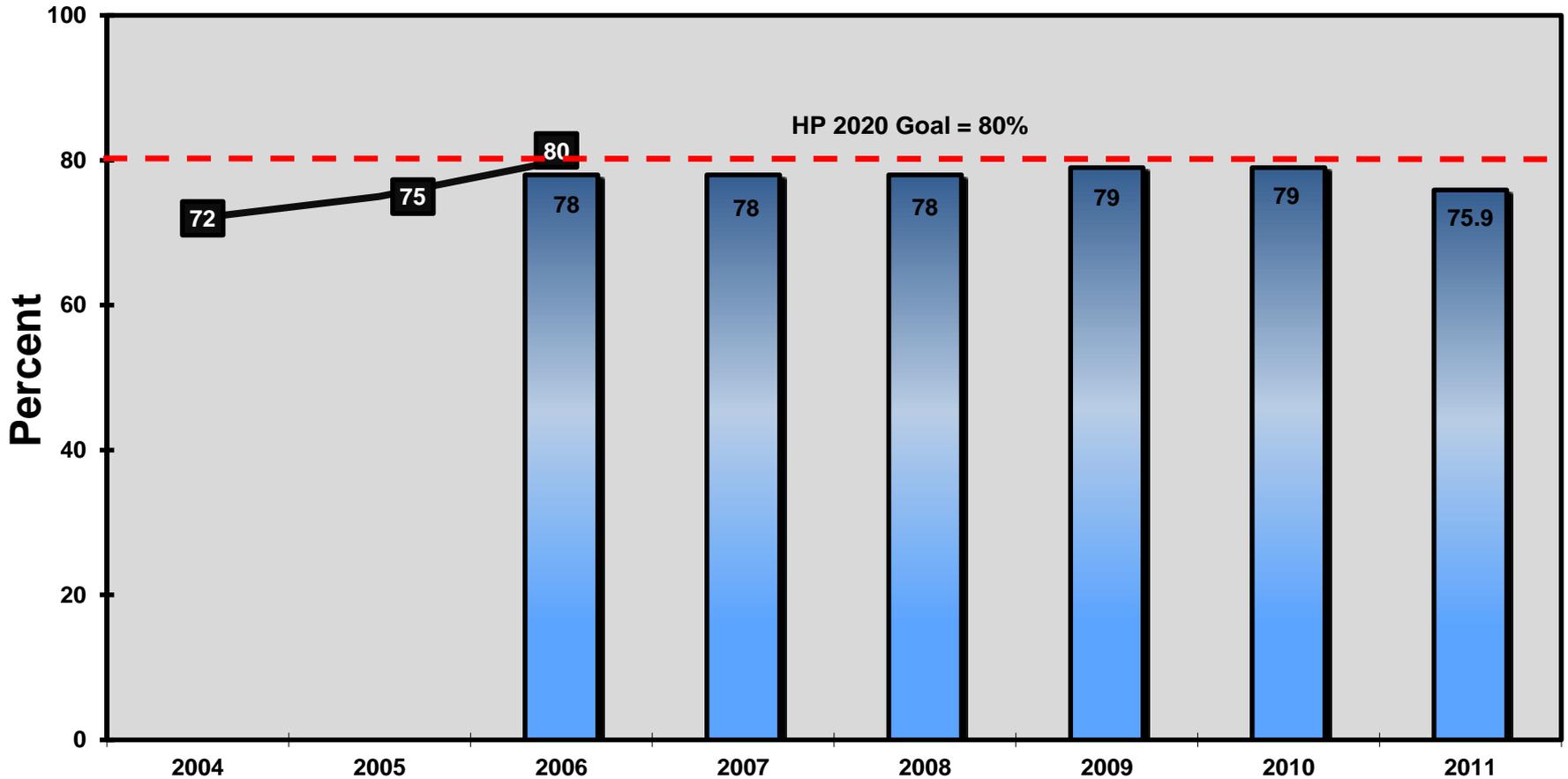
# IMMUNIZATIONS: PNEUMOCOCCAL (65+)



# Immunizations: Childhood (19-35 months)

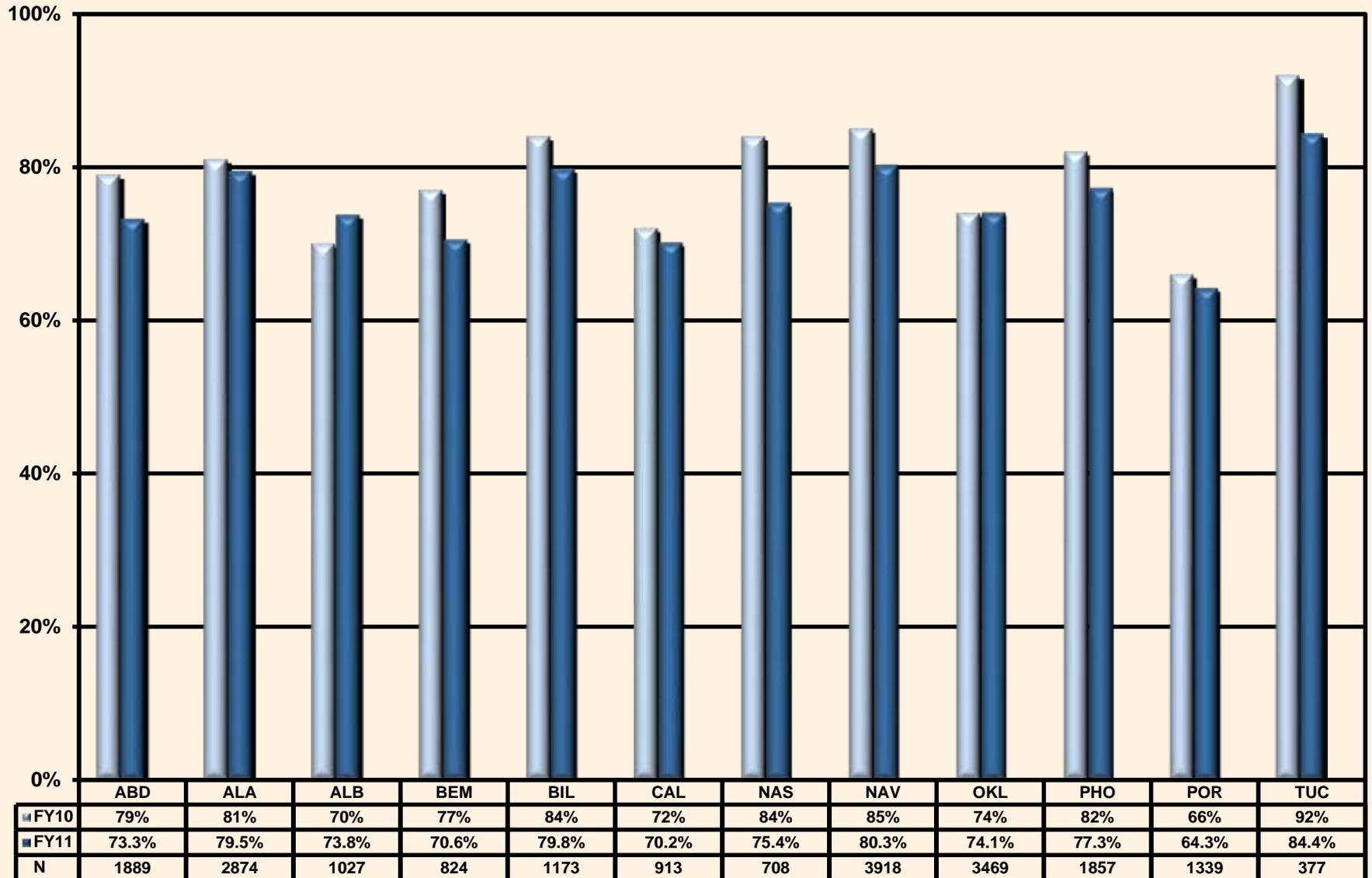
AI/AN patients (age 19-35 months) who have received the combined childhood vaccination series (4:3:1:3:3:1:4\*).

CRS - Immunization Package      National Immunization Report



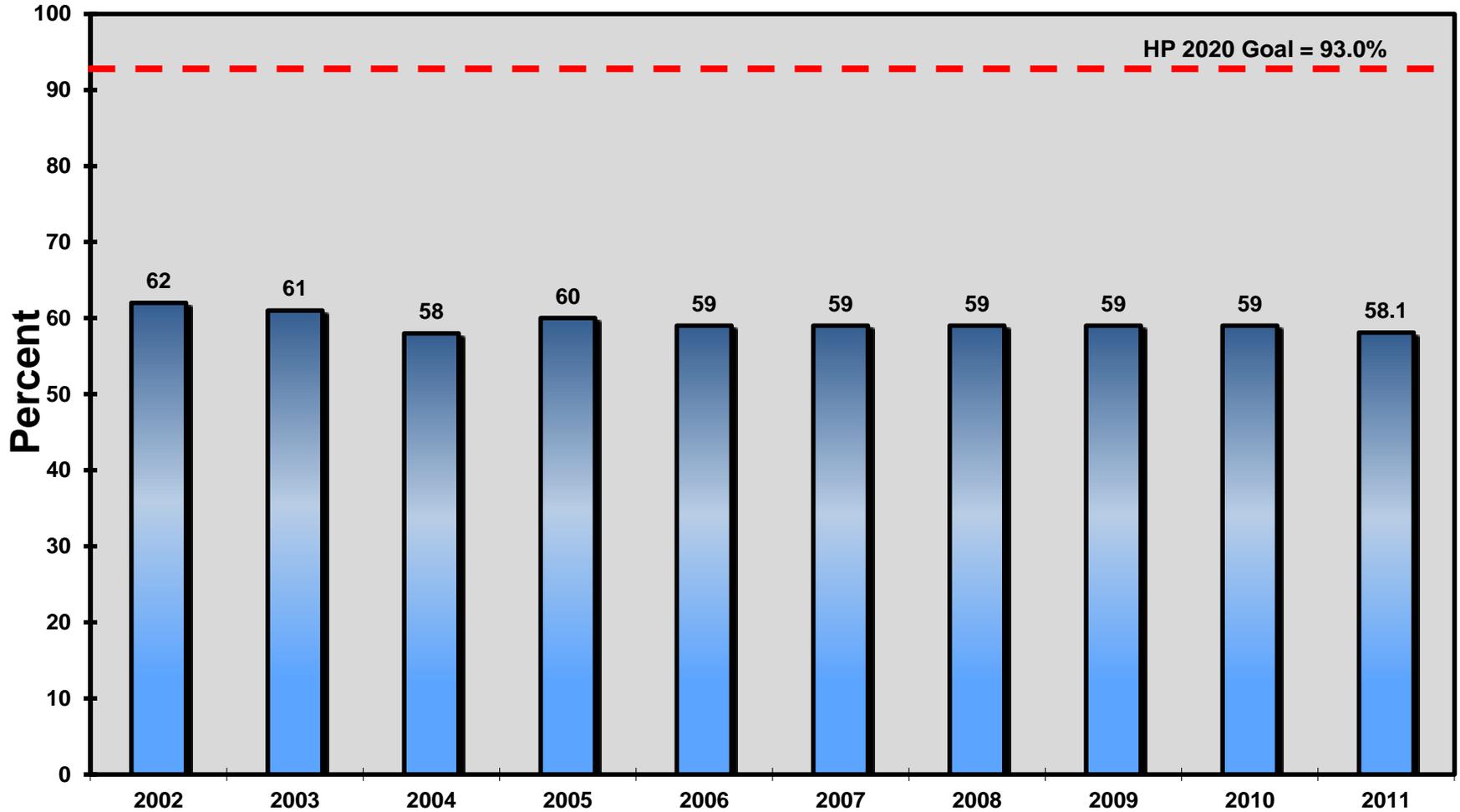
Starting in FY 2007, GPRA results are reported using the CRS Immunization package. Previous results were provided by the National Immunization Program.

# IMMUNIZATIONS: CHILDHOOD (19 – 35 MONTHS)

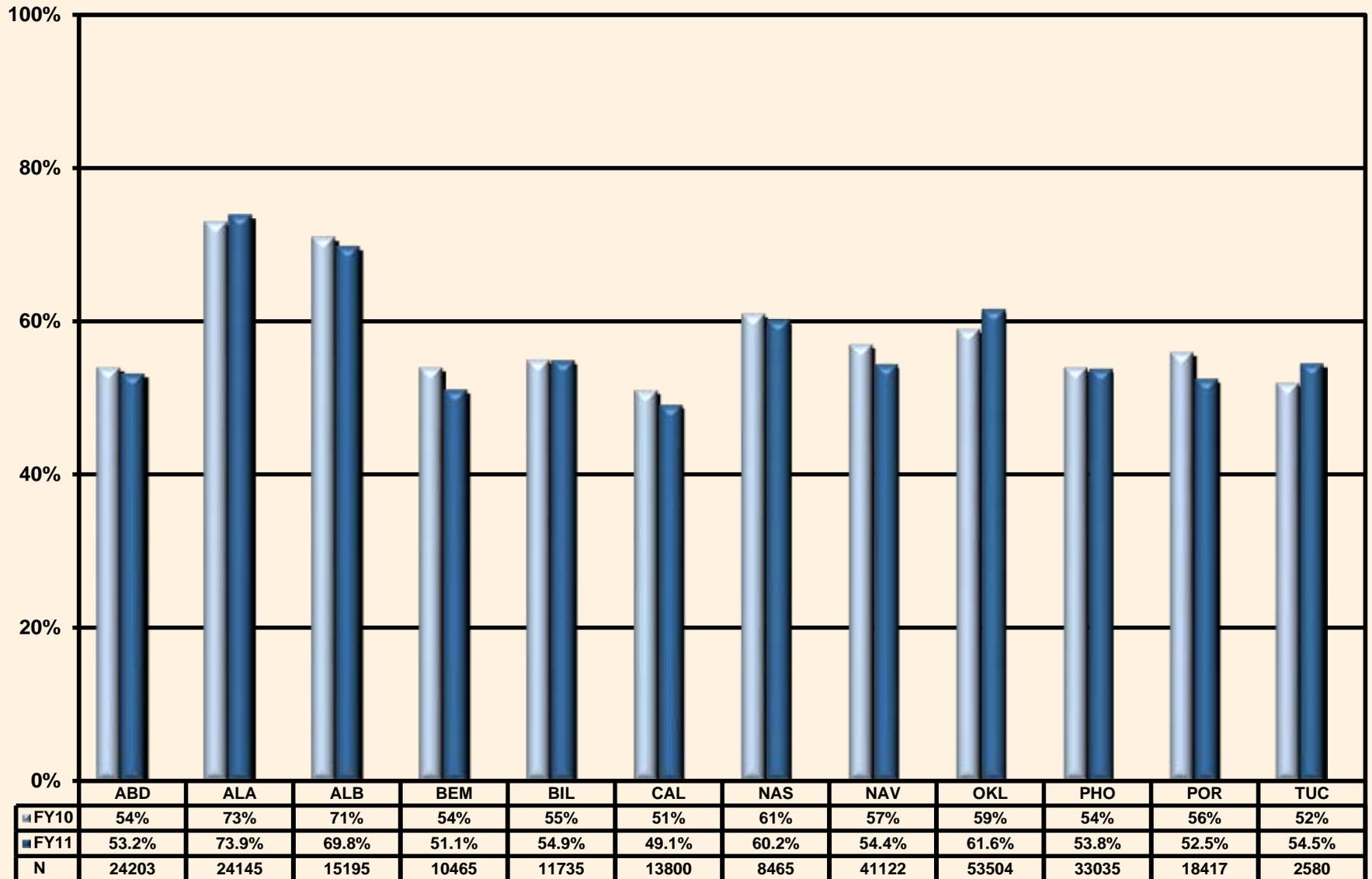


# Cancer Screening: Cervical (Pap Screen)

AI/AN women (age 21-64) who have received a Pap screen within the previous three years.

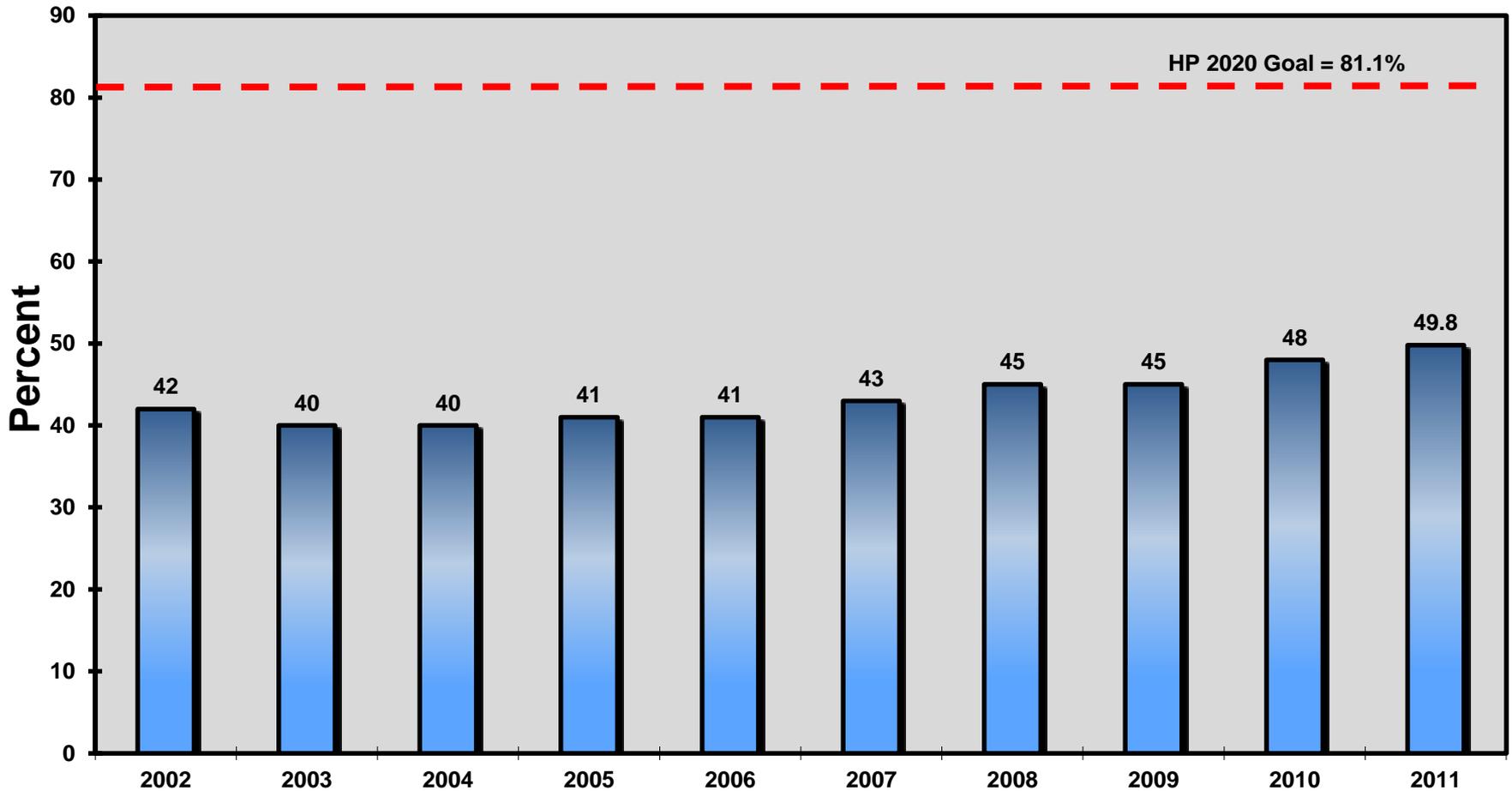


# CANCER SCREENING: CERVICAL (PAP SCREENING)

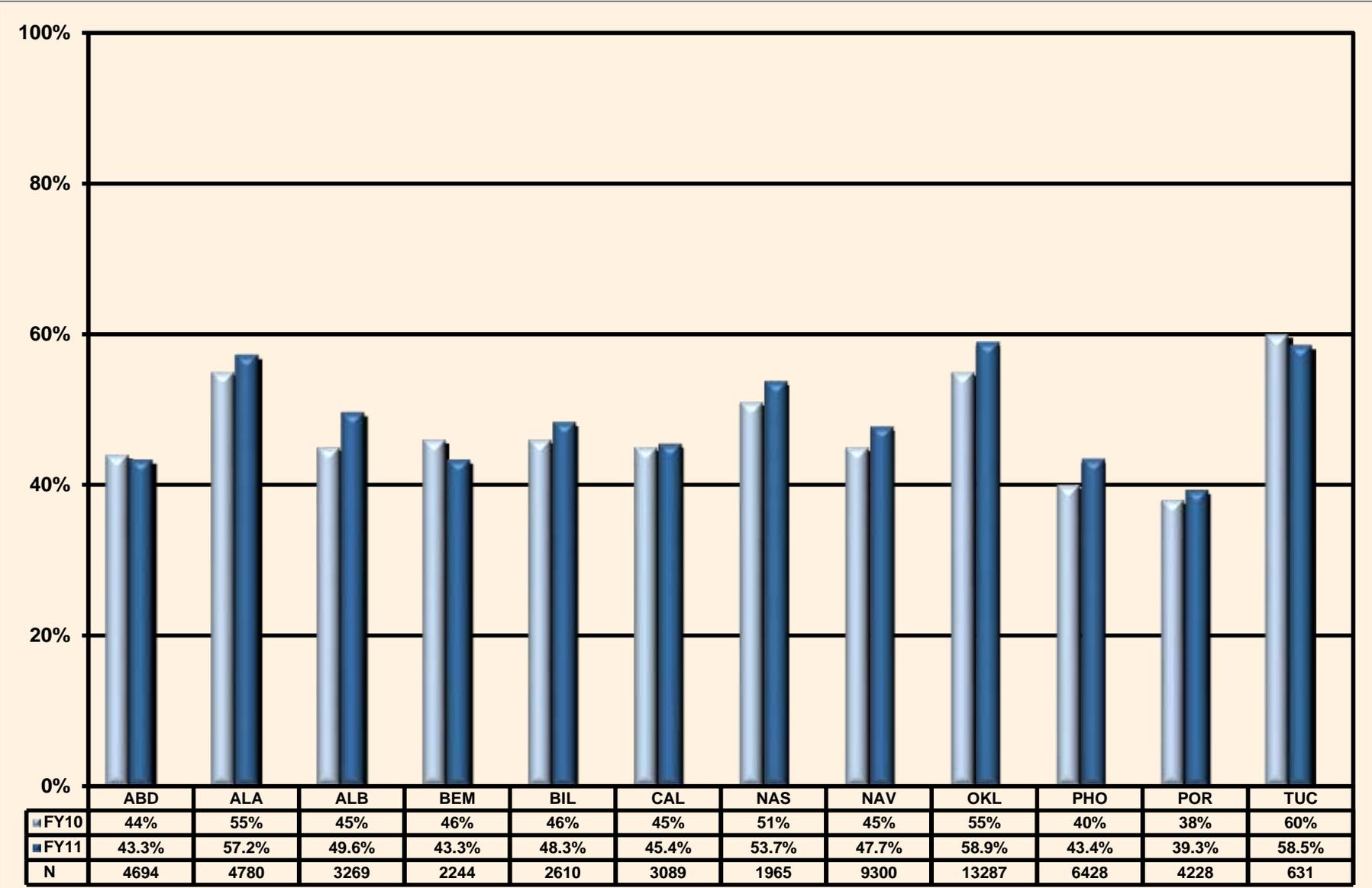


# Cancer Screening: Breast (Mammography)

AI/AN women (age 52-64) who have received mammography screening within the previous two years.

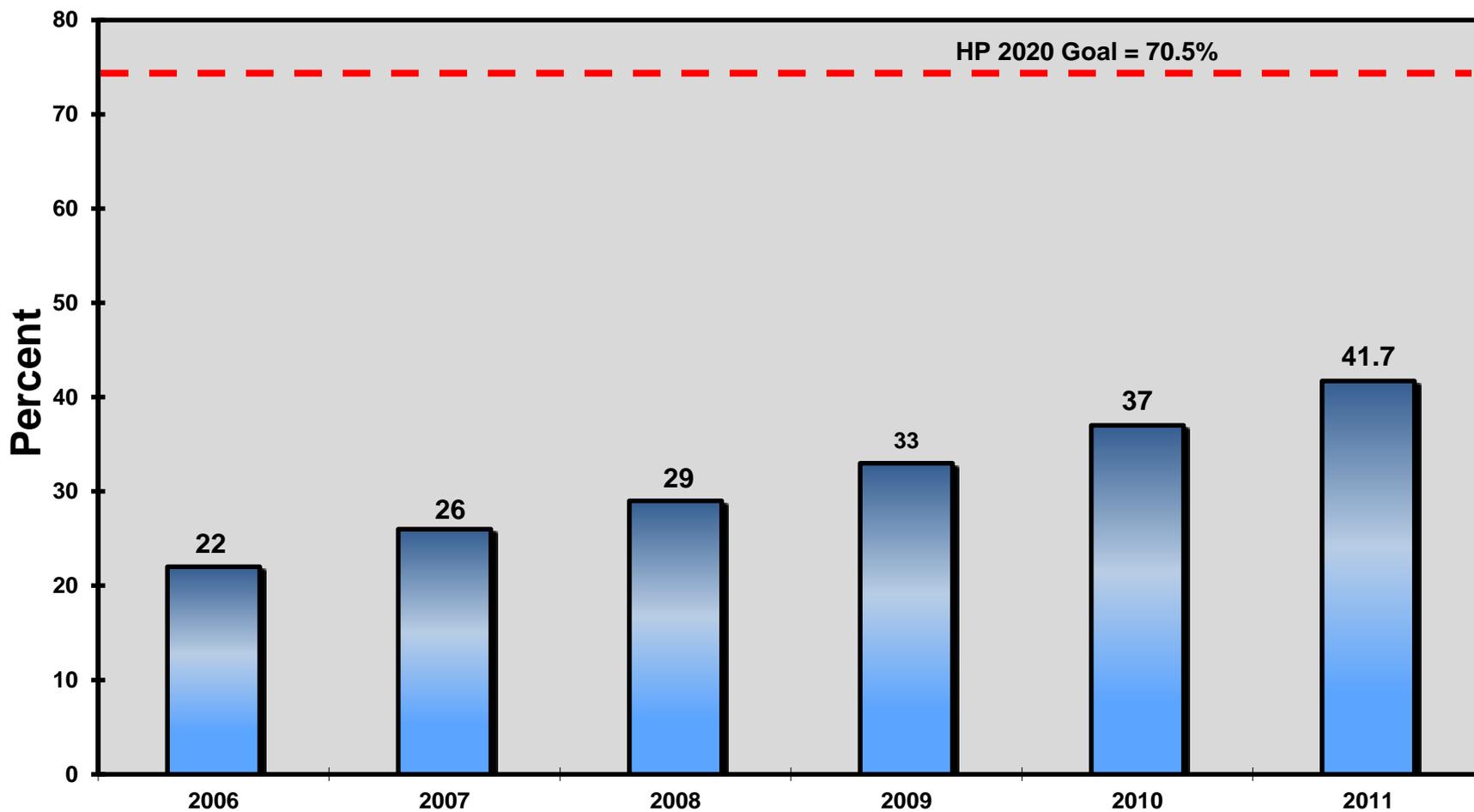


# CANCER SCREENING: BREAST (MAMMOGRAPHY)

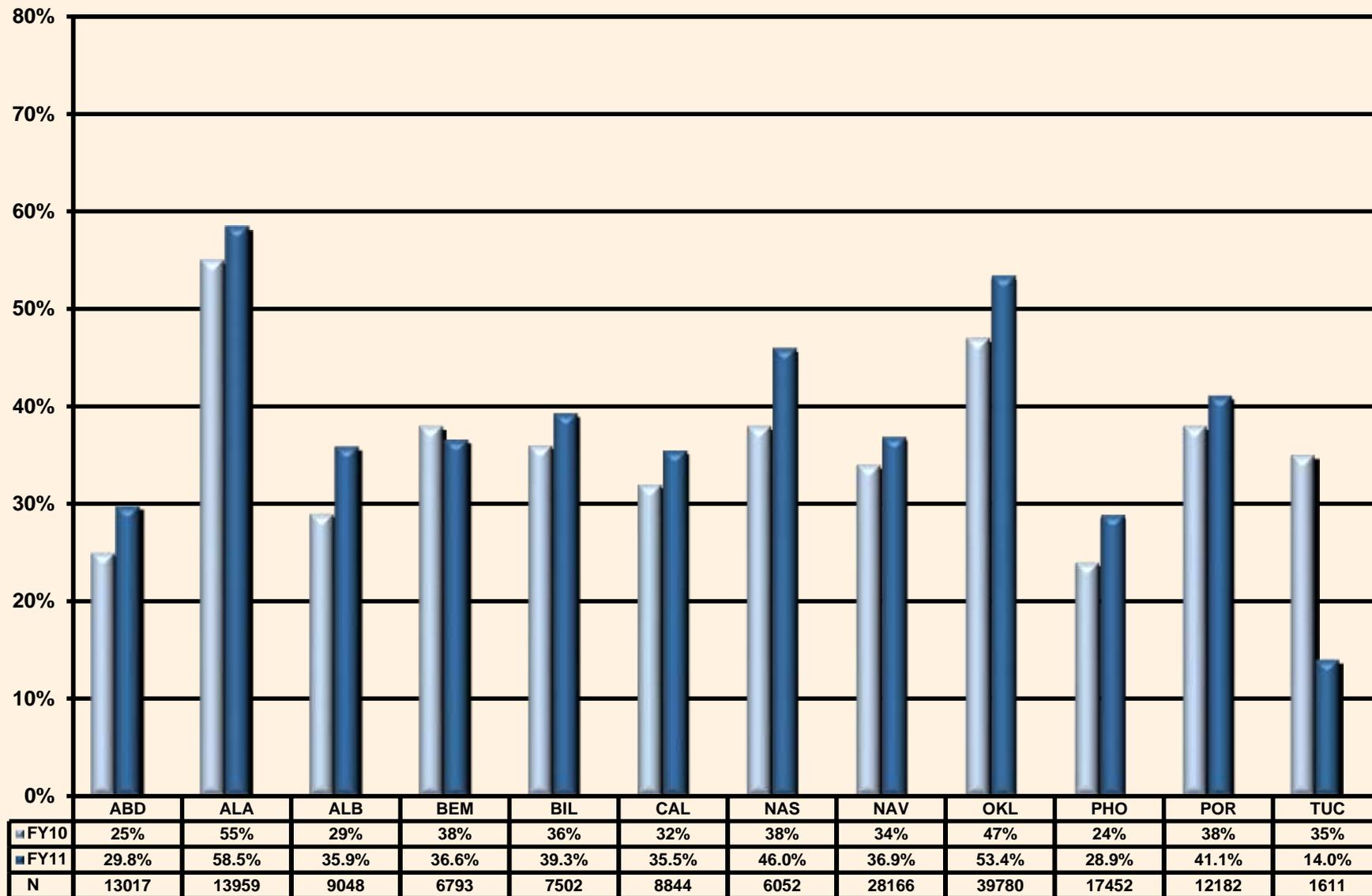


## Cancer Screening: Colorectal

AI/AN patients ages 51-80 who have received appropriate Colorectal Cancer Screening.

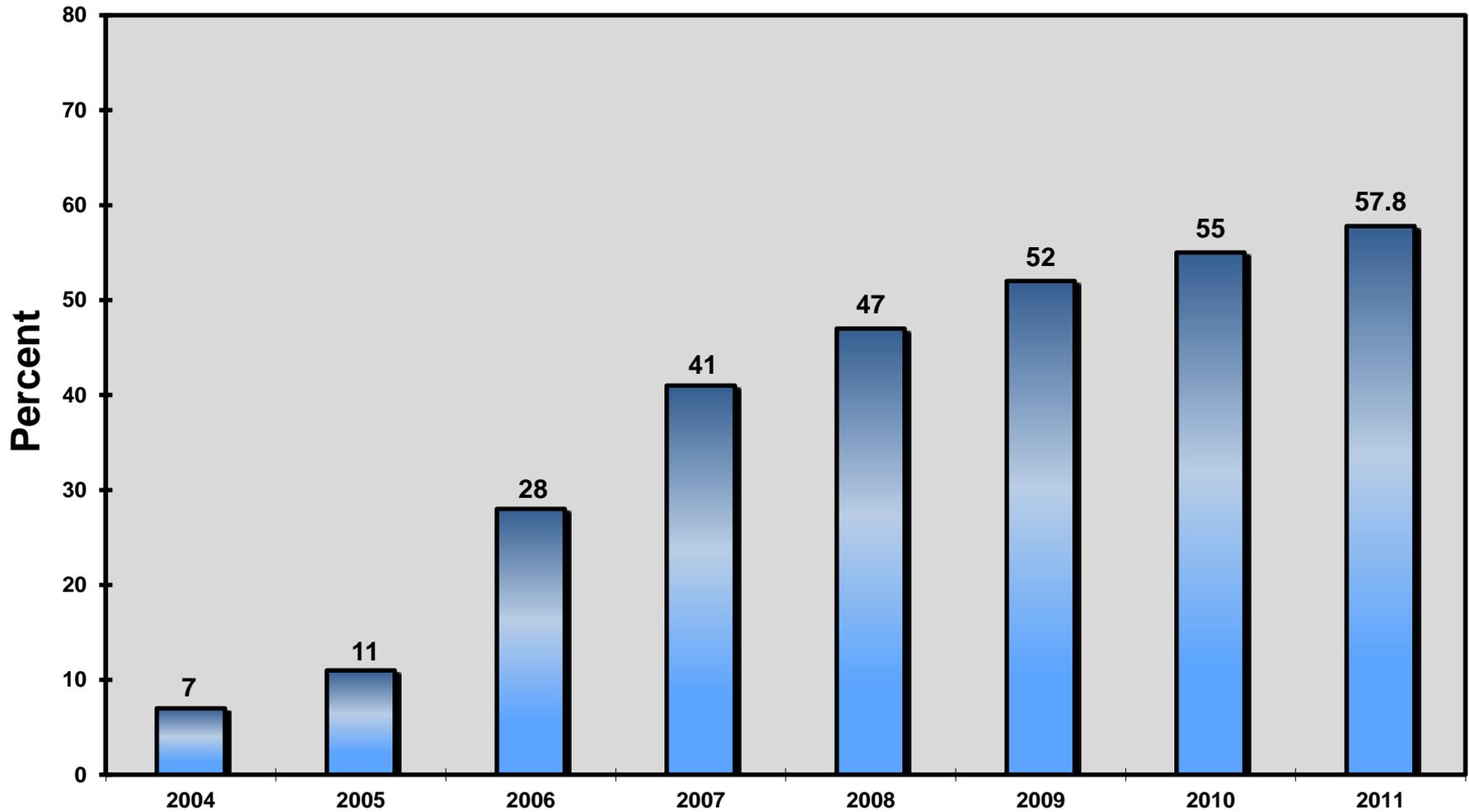


# CANCER SCREENING: COLORECTAL

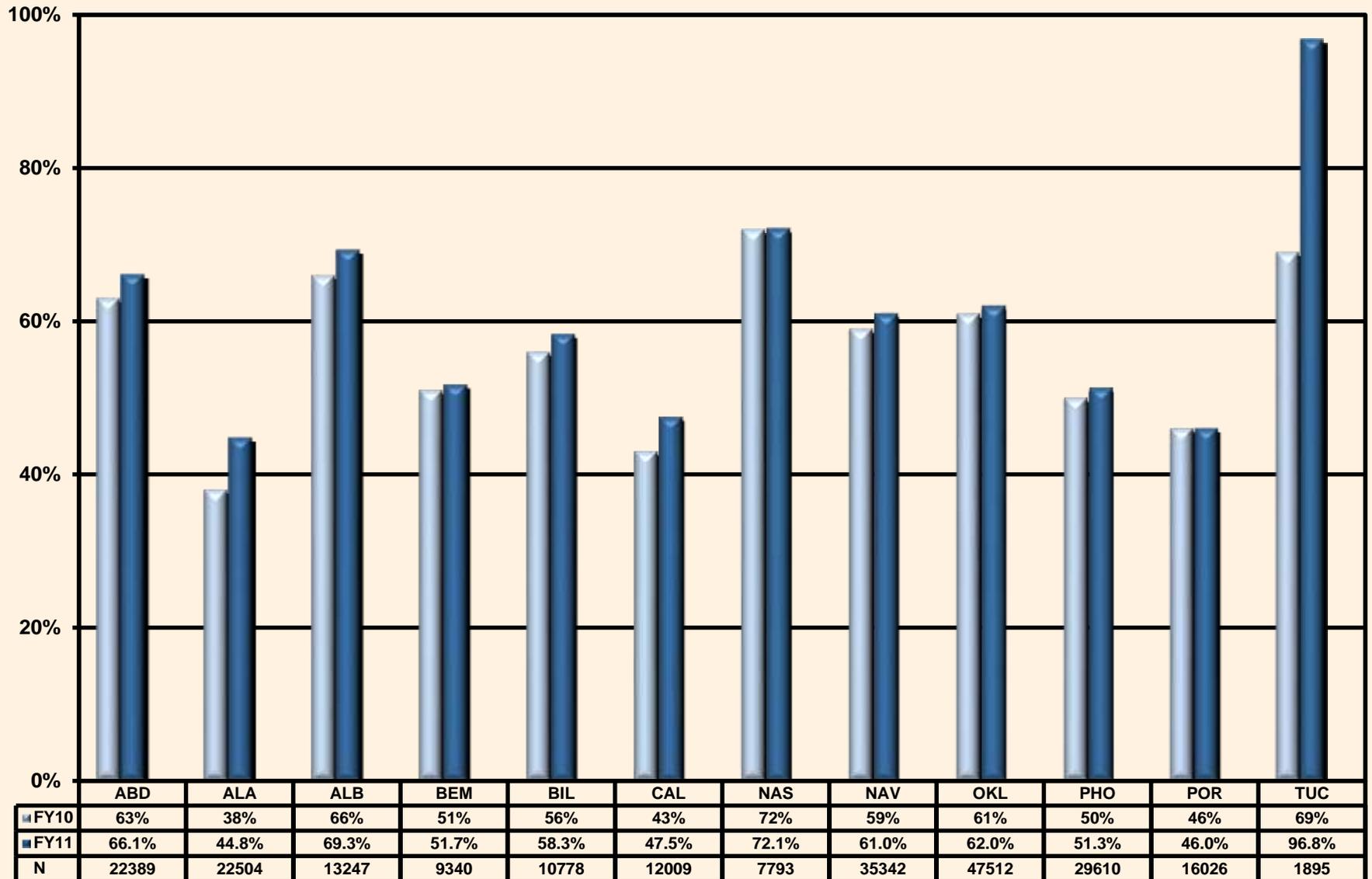


# Alcohol Screening: Fetal Alcohol Syndrome (FAS) Prevention

AI/AN women (age 15-44) who have been screened for alcohol use within the past year.

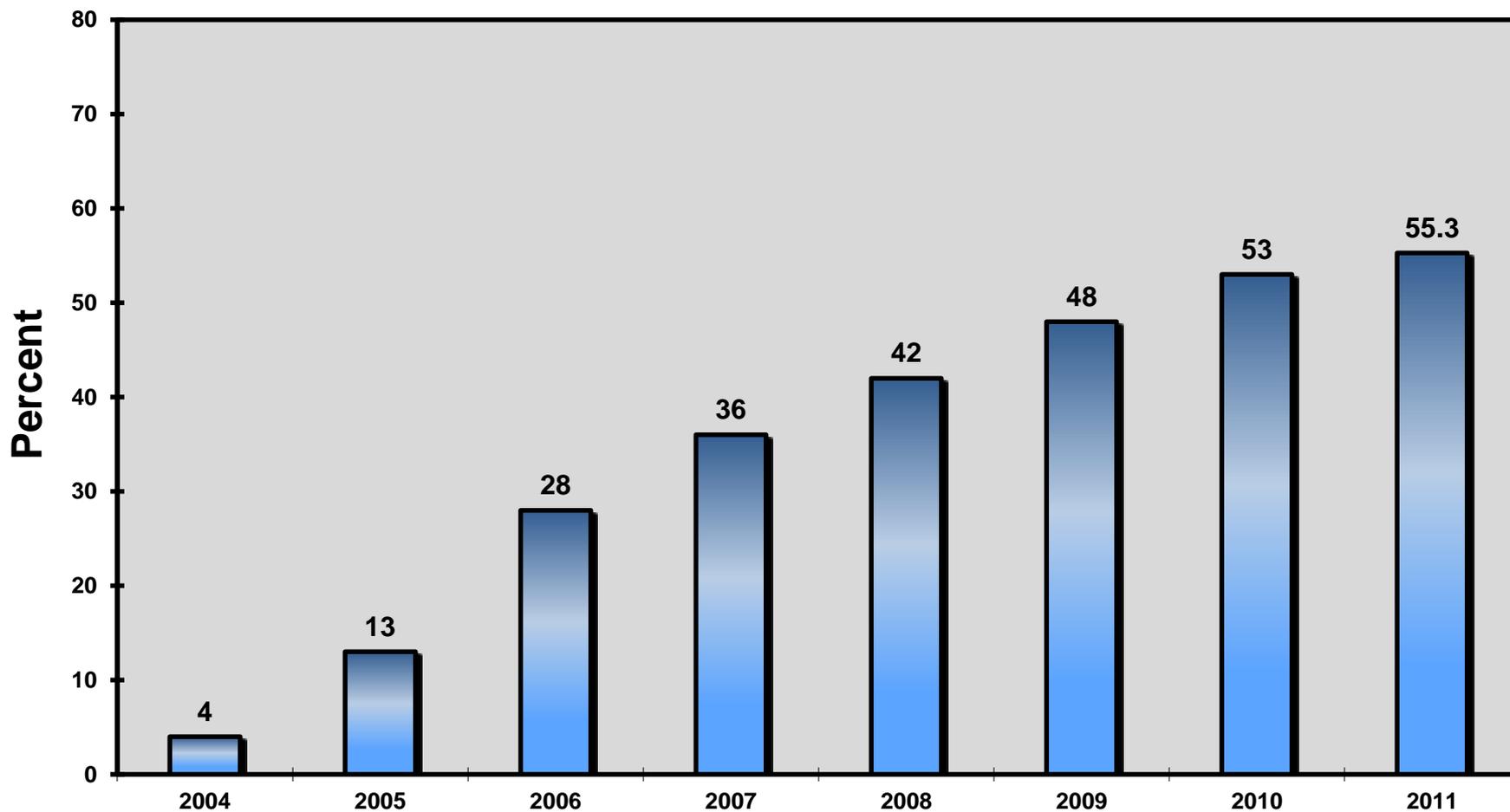


# ALCOHOL SCREENING: FAS PREVENTION

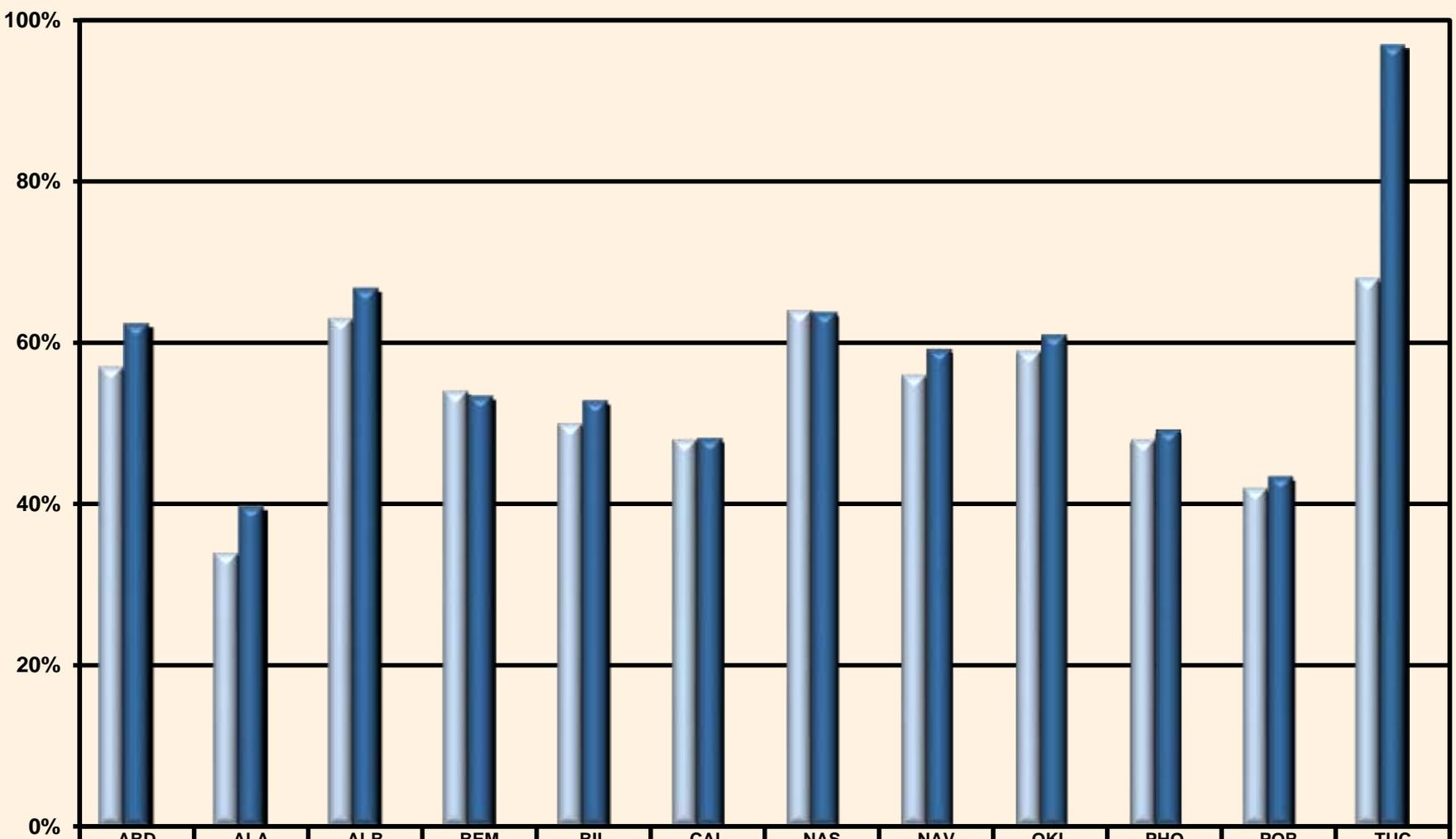


## Domestic Violence/Intimate Partner Violence Screening:

AI/AN women (age 15-40) who were screened for domestic violence /intimate partner violence within the past year.



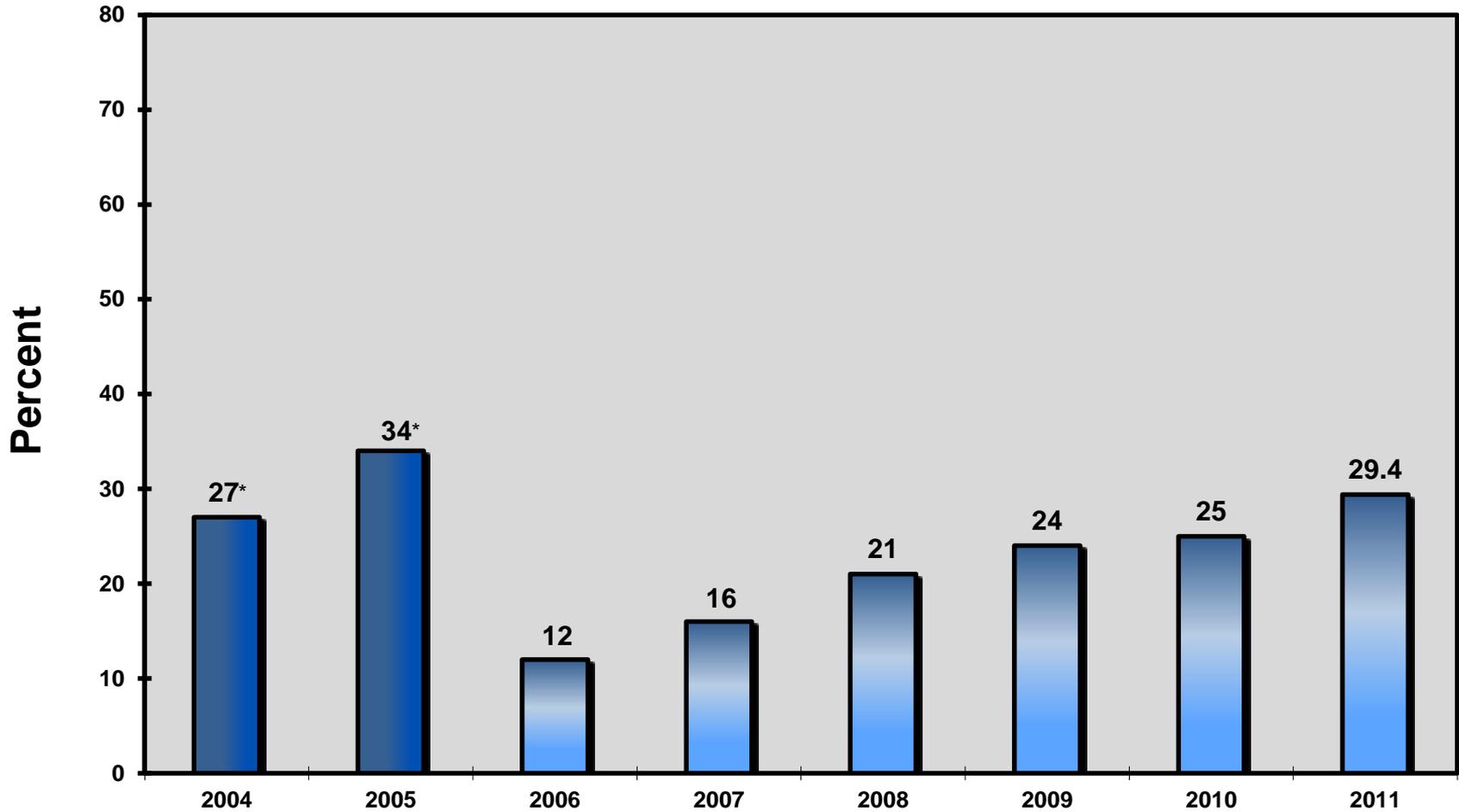
# DOMESTIC VIOLENCE/INTIMATE PARTNER VIOLENCE SCREENING



	ABD	ALA	ALB	BEM	BIL	CAL	NAS	NAV	OKL	PHO	POR	TUC
FY10	57%	34%	63%	54%	50%	48%	64%	56%	59%	48%	42%	68%
FY11	62.4%	39.7%	66.8%	53.4%	52.8%	48.1%	63.8%	59.2%	61.0%	49.2%	43.4%	97.0%
N	20134	20405	11844	8309	9677	10831	6960	31595	42469	26626	14360	1654

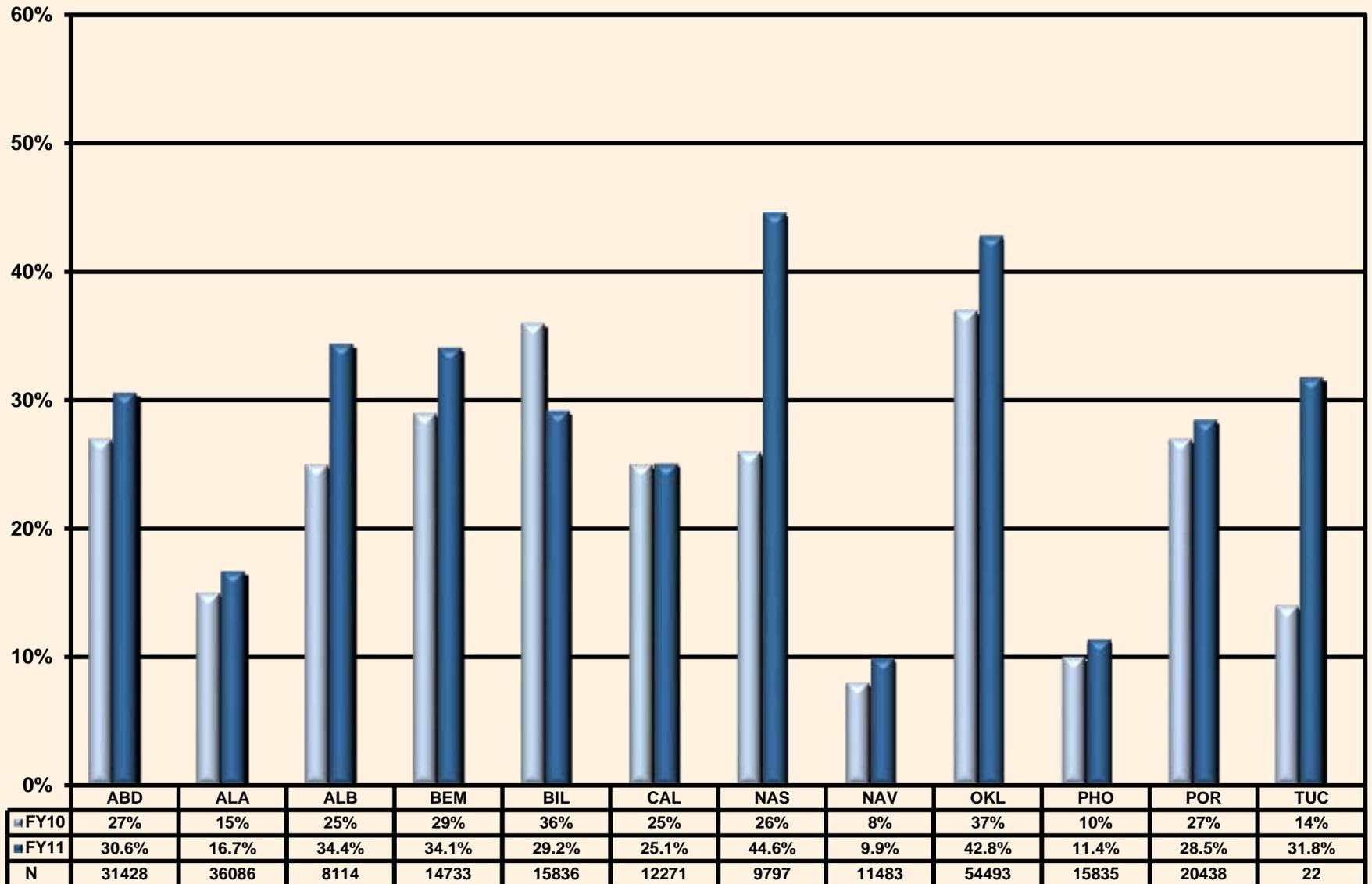
# Tobacco Cessation

Tobacco-using patients who have received tobacco cessation intervention within the past year.



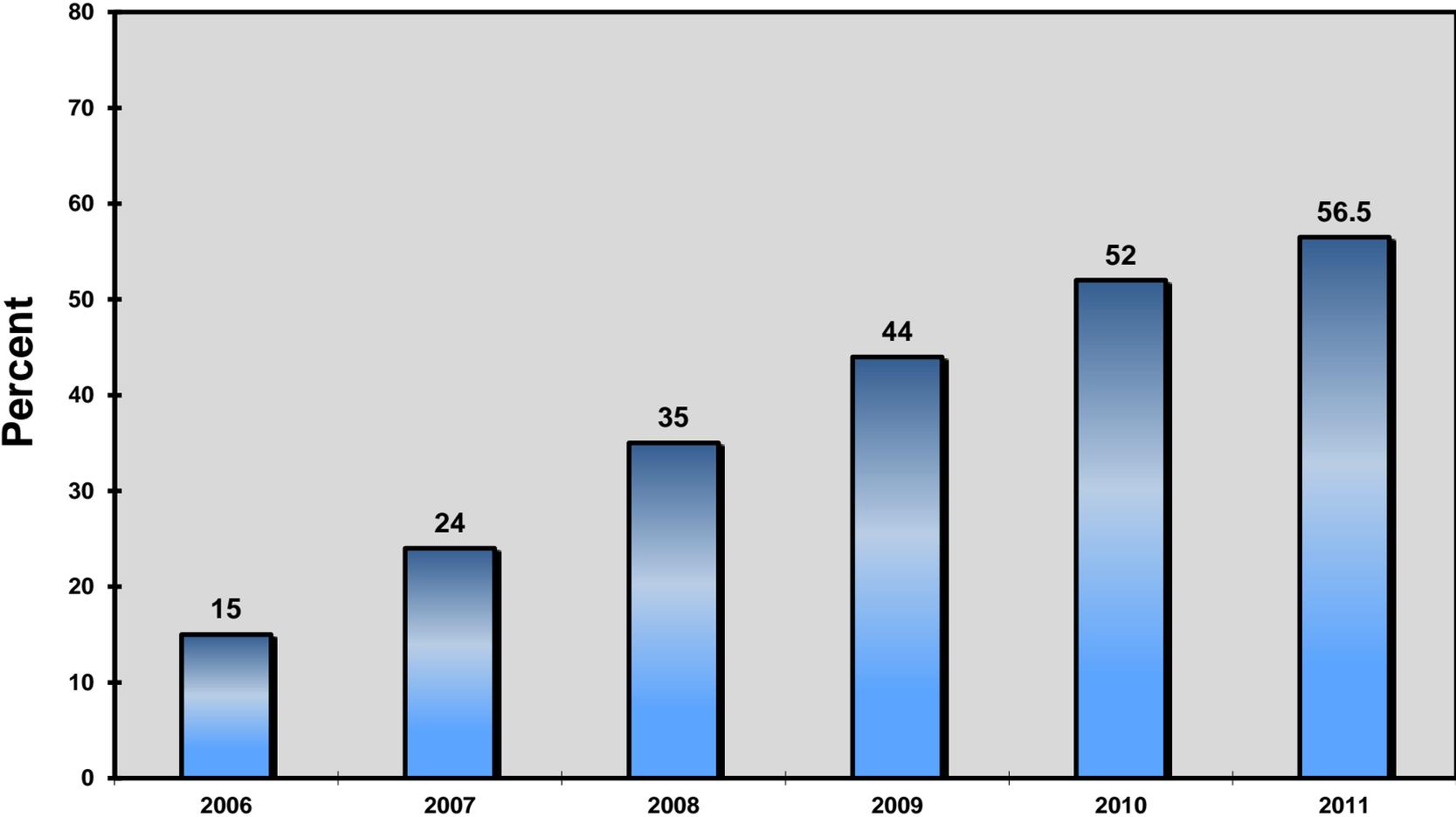
\*2004 & 2005 measure logic: AI/AN patients (age 5+) screened for tobacco use within the past year.

# TOBACCO CESSATION

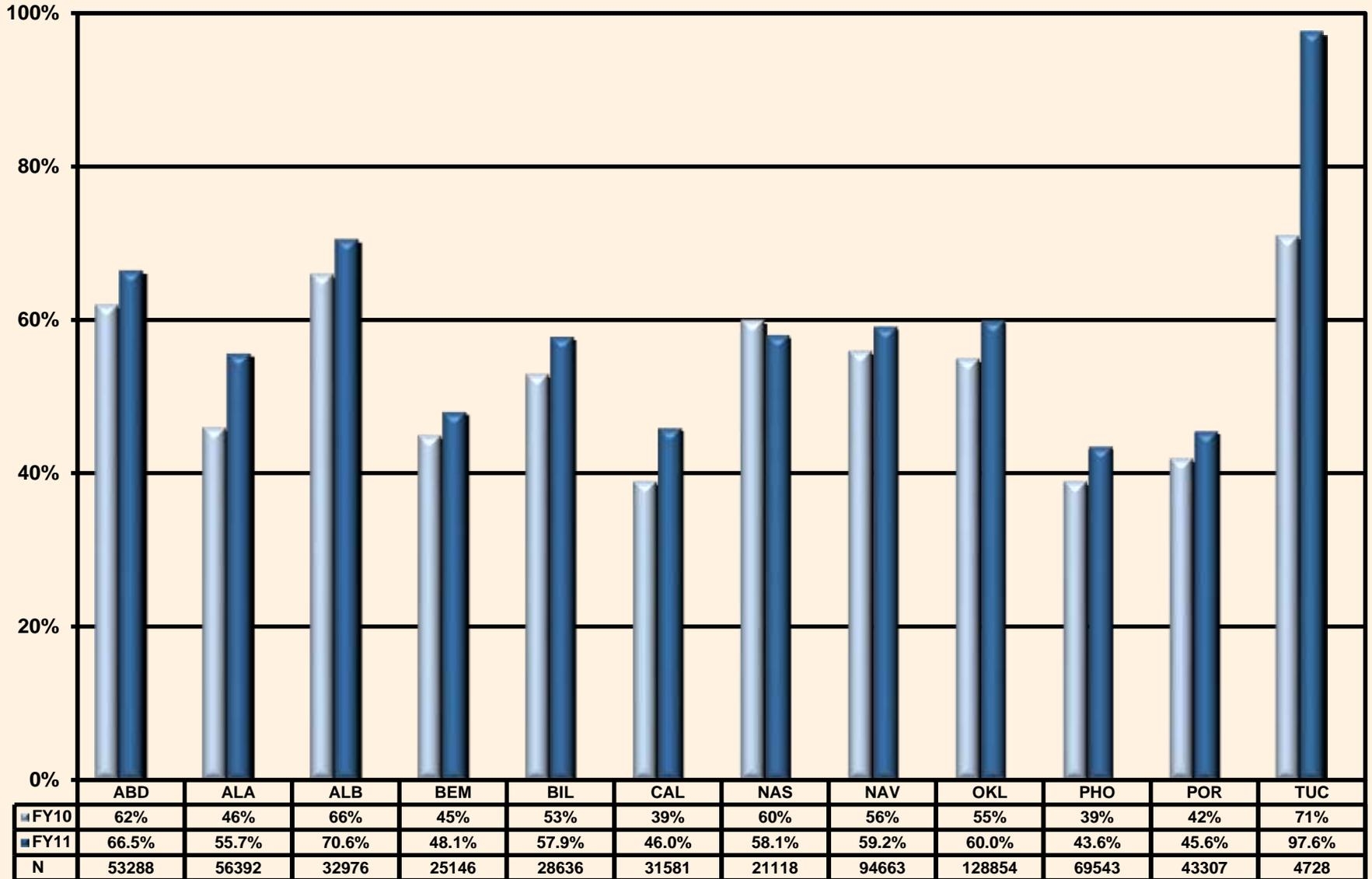


# Depression Screening

AI/AN patients ages 18 and older who have been screened for depression or diagnosed with a mood disorder within the past year.

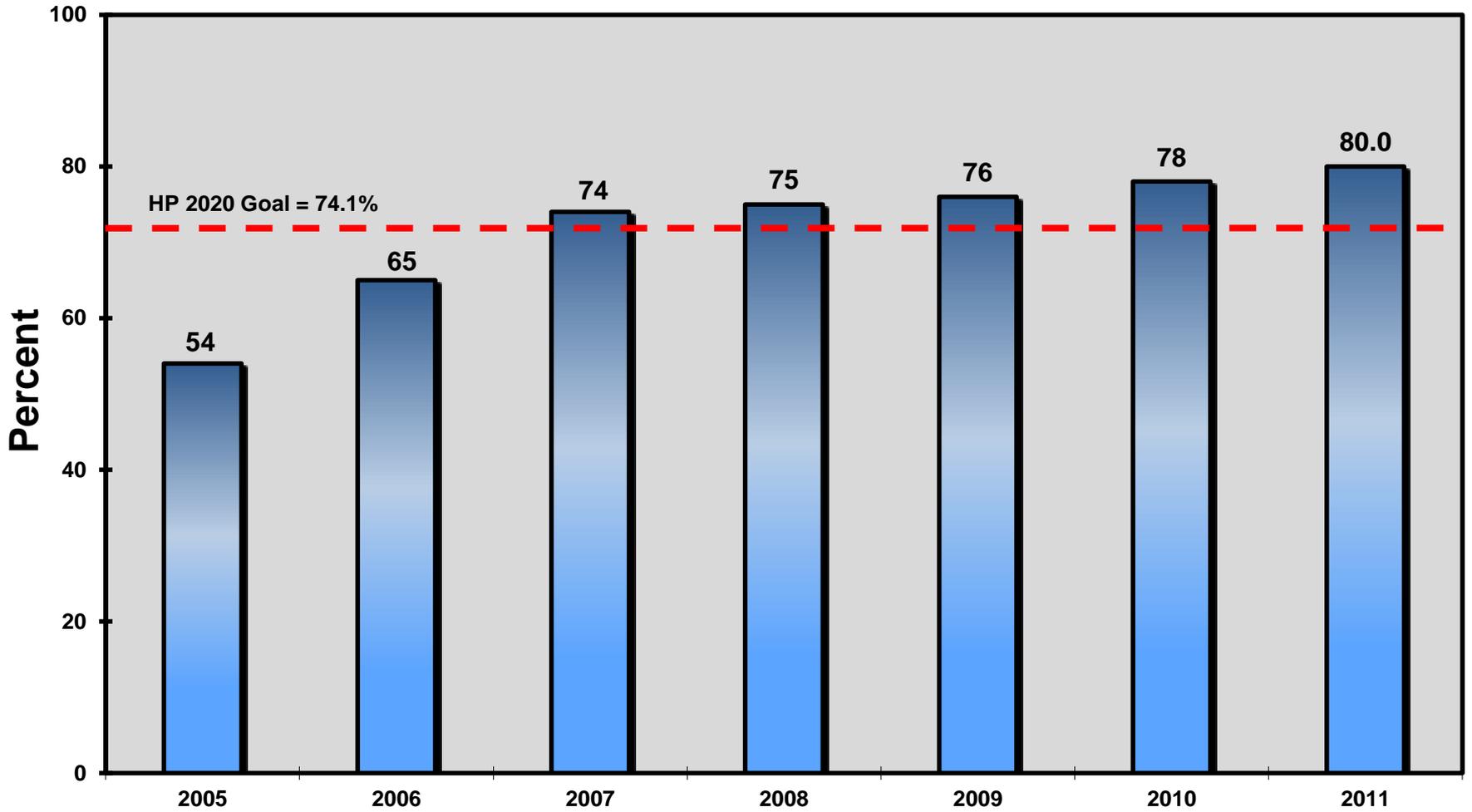


# DEPRESSION SCREENING

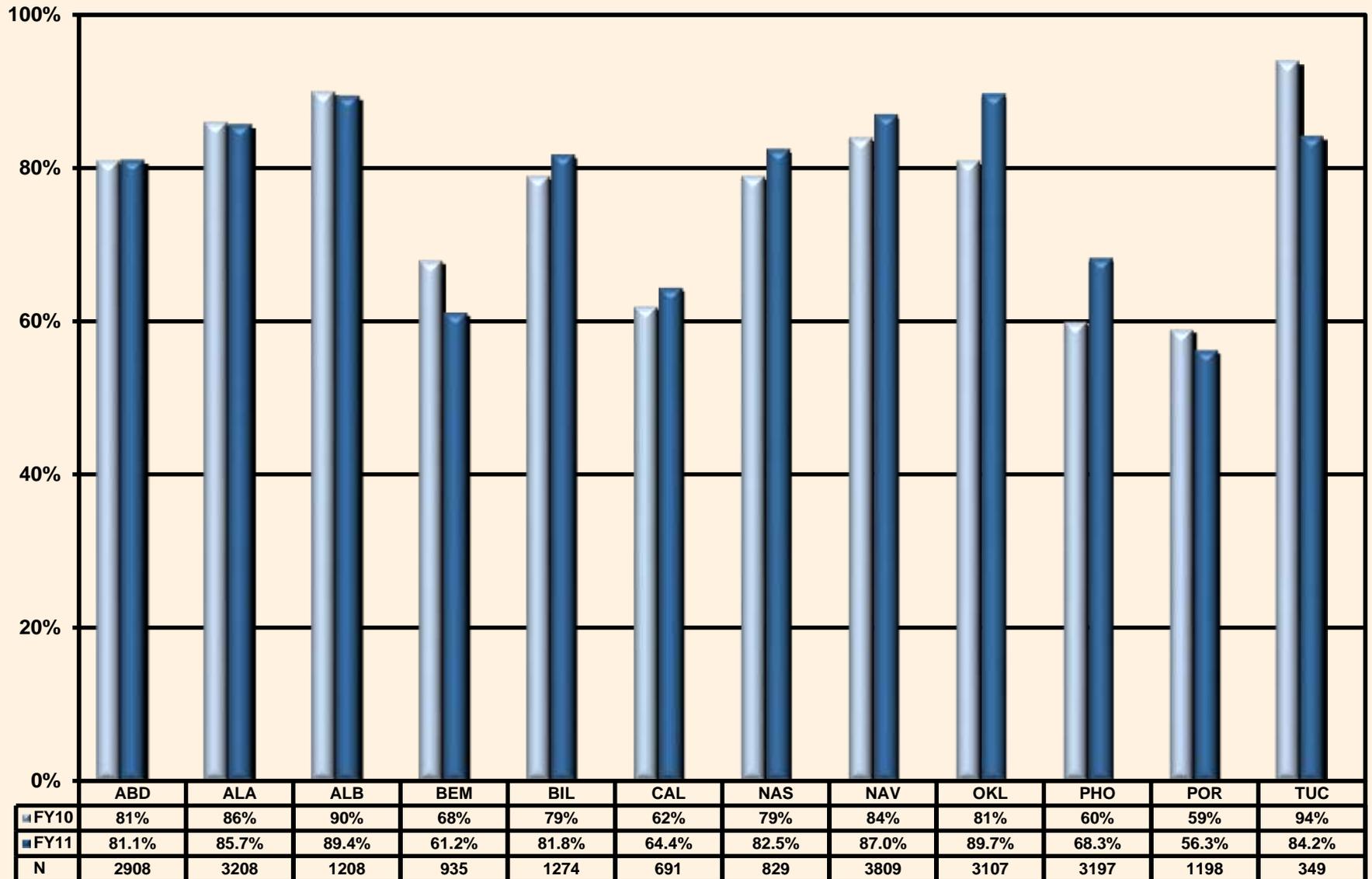


# Prenatal HIV Screening

Pregnant women screened for HIV within the past 20 months.

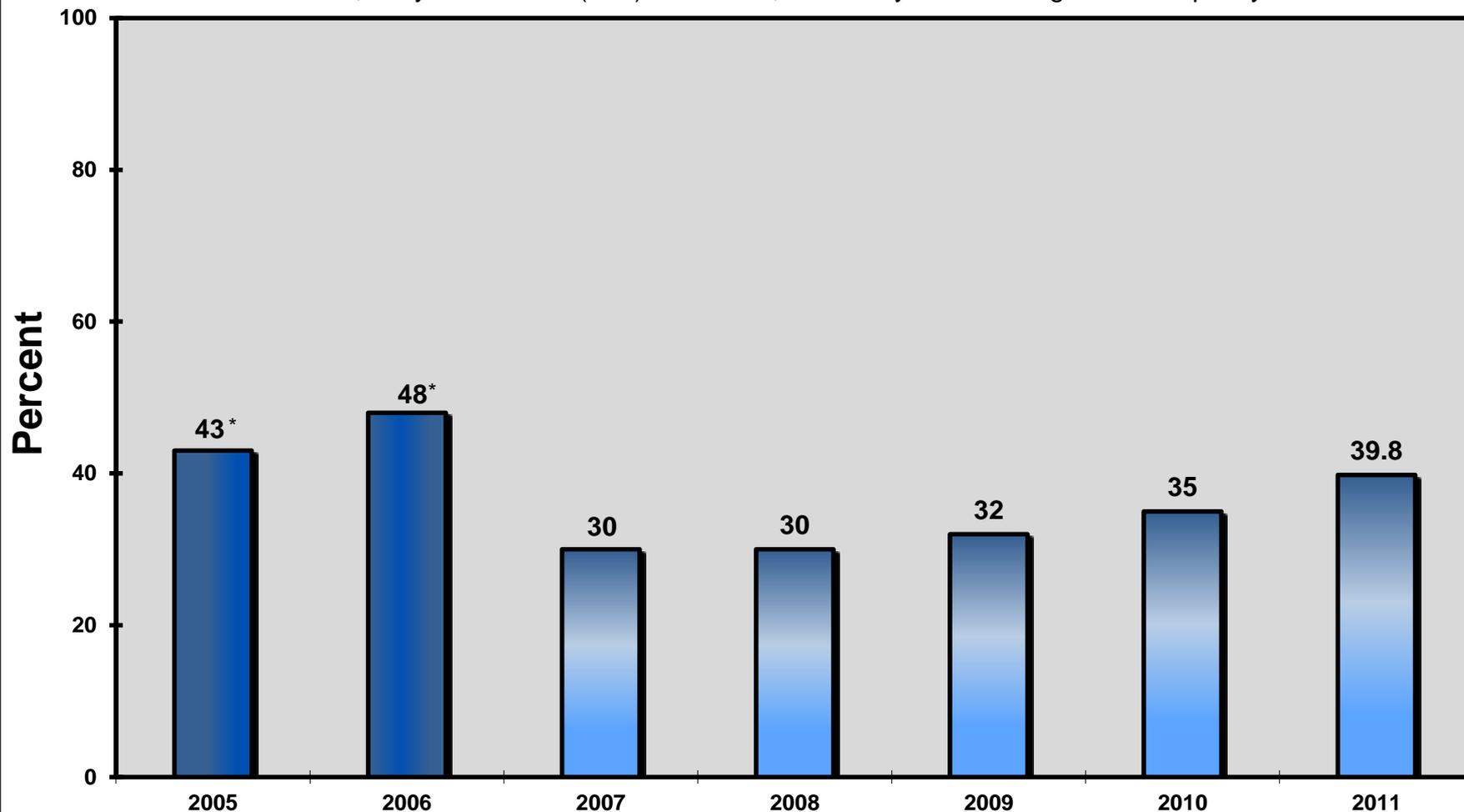


# PRENATAL HIV SCREENING



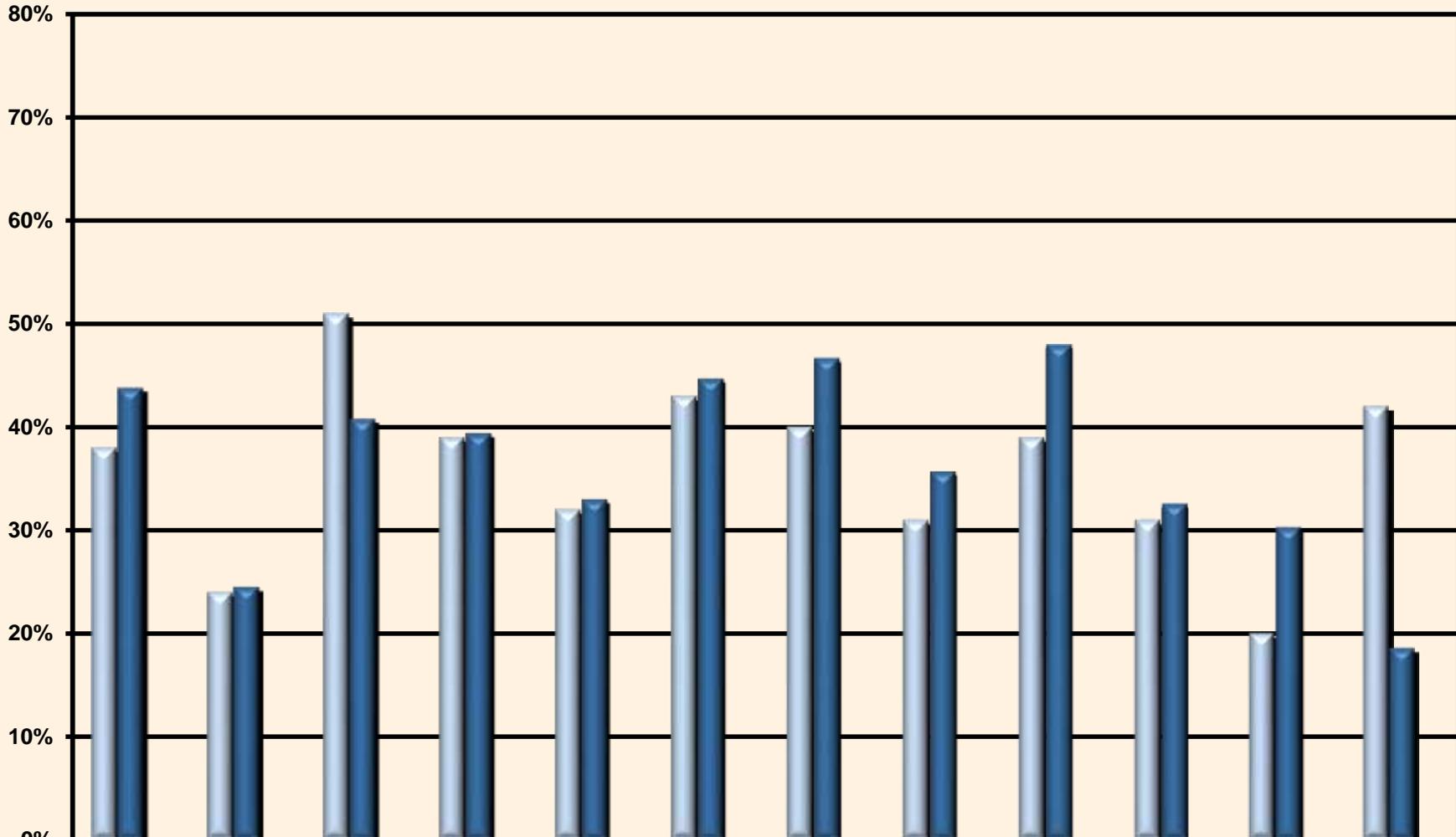
## CVD Prevention: Comprehensive Assessment

Active IHD patients ages 22 and older with a comprehensive assessment: BP, LDL, Tobacco use assessment, body mass index (BMI) calculated, and lifestyle counseling within the past year.



\*2005 & 2006 measure logic: Active AI/AN patients (age 23+) with a documented Cholesterol Screening within the previous 5 years. Results reported in 2007 and after cannot be compared to historical (< 2007) rates.

# CVD PREVENTION – COMP ASSESSMENT



	ABD	ALA	ALB	BEM	BIL	CAL	NAS	NAV	OKL	PHO	POR	TUC
FY10	38%	24%	51%	39%	32%	43%	40%	31%	39%	31%	20%	42%
FY11	43.8%	24.5%	40.8%	39.4%	33.0%	44.7%	46.7%	35.7%	48.0%	32.6%	30.3%	18.6%
N	4841	2690	1868	2204	2218	1315	1705	3866	10265	3250	2516	70

## 2011 Q4 National Dashboard (IHS/Tribal)

DIABETES	2010 Target	2010 Final	2011 Target	2011 Final	2011 Final Results
Diabetes Dx Ever	N/A	12%	N/A	12.8%	N/A
Documented A1c	N/A	82%	N/A	83.0%	N/A
Poor Glycemic Control	16%	18%	19.4%	19.1%	Met
Ideal Glycemic Control	33%	32%	30.2%	31.9%	Met
Controlled BP <130/80	40%	38%	35.9%	37.8%	Met
LDL (Cholesterol) Assessed	69%	67%	63.3%	68.7%	Met
Nephropathy Assessed	54%	55%	51.9%	56.5%	Met
Retinopathy Exam	55%	53%	50.1%	53.5%	Met
DENTAL					
Dental: General Access	27%	25%	23.0%	26.9%	Met
Sealants	257,920	275,459	257,261	276,893	Met
Topical Fluoride- Patients	136,978	145,181	135,604	161,461	Met
IMMUNIZATIONS					
Influenza 65+	60%	62%	58.5%	62.0%	Met
Pneumovax 65+	83%	84%	79.3%	85.5%	Met
Childhood IZ <sup>a</sup>	80%	79%	74.6%	75.9%	Met
PREVENTION					
(Cervical) Pap Screening	60%	59%	55.7%	58.1%	Met
Mammography Screening	47%	48%	46.9%	49.8%	Met
Colorectal Cancer Screening	36%	37%	36.7%	41.7%	Met
Tobacco Cessation	27%	25%	23.7%	29.4%	Met
Alcohol Screening <small>(FAS Prevention)</small>	55%	55%	51.7%	57.8%	Met
DV/IPV Screening	53%	53%	52.8%	55.3%	Met
Depression Screening	53%	52%	51.9%	56.5%	Met
CVD-Comprehensive Assessment	33%	35%	33.0%	39.8%	Met
Prenatal HIV Screening	77%	78%	73.6%	80.0%	Met
Childhood Weight Control <sup>b</sup>	24%	25%	N/A	24.1%	N/A

<sup>a</sup>4 Pnuemococcal conjugate vaccines added to Childhood Immunization series in FY 2011.

<sup>b</sup>Long-term measure as of FY 2009, next reported in FY 2013.

Measures Met: 21

Measures Not Met: 0